



September 23, 2011

Sale Ford, LLC  
1145 US Hwy 258 North  
Kinston, NC 28504

Attention: Mr. Grant Jones

Subject: Limited Site Investigation and Soil Excavation Services Report  
Sale Ford  
1145 US Hwy 258 North  
Kinston, Lenoir County, North Carolina  
Terracon Project No: 72117067

Dear Mr. Jones:

Terracon Consultants, Inc. has completed the environmental engineering services for the Limited Site Investigation (LSI) and Soil Excavation Services for the above referenced site. The LSI and Soil Excavation Services were performed in accordance with Terracon's Proposal Number P72110221 dated August 12, 2011.

Analytical results indicate that soil contamination above the North Carolina Department of Natural Resources (NCDENR) Soil to Groundwater Maximum Soil Contaminant Concentrations is associated with one of the sidewalls of the stained soil excavation pit. In addition, analytical results of two of the groundwater samples obtained on the east end of the site indicated contamination above NCDENR's Groundwater Quality Standards.

We appreciate the opportunity to perform these services for you. Please contact either of the undersigned at (252) 353-1600 if you have questions regarding the information provided in the report.

Sincerely,

Terracon Consultants, Inc.

Prepared by:

Allen McColl  
Staff Professional  
Environmental Services

Reviewed by:

Carl F. Bonner, PE.  
Greenville Office Manager  
Registered, NC 16252



Attachments



Terracon Consultants, Inc. 314 Beacon Drive Winterville, NC 28590  
P [252] 353-1600 F [252] 353-0002 terracon.com NC Registration F-0869

Geotechnical

Environmental

Construction Materials

Facilities

# Limited Site Investigation and Soil Excavation Services Report

Sale Ford

1145 US Hwy 258 North  
Kinston, Lenoir County, North Carolina

September 23, 2011

Terracon Project No. 72117067

Prepared for:

Sale Ford, LLC

1145 US Hwy 258 North  
Kinston, North Carolina

Prepared by:

Terracon Consultants, Inc.

Winterville, North Carolina

Offices Nationwide  
Employee-Owned

Established in 1965  
[terracon.com](http://terracon.com)

**Terracon**

Geotechnical

Environmental

Construction Materials

Facilities

**TABLE OF CONTENTS**

	Page No.
1.0 INTRODUCTION.....	1
2.0 FIELD ACTIVITIES .....	4
3.0 LABORATORY ANALYTICAL METHODS.....	7
4.0 DATA EVALUATION.....	7
5.0 FINDINGS AND RECOMMENDATIONS .....	10

**LIST OF APPENDICES**

Appendix A: Figures

Appendix B: Soil Disposal Manifest

Appendix C: Laboratory Data Sheets and Chain-of-Custody

1.0 INTRODUCTION

This report summarizes the results of a soil sampling and analysis program conducted by Terracon Consultants, Inc. (Terracon) at the site located at 1000 N. Main Street, Suite 100, in Salt Lake City, Utah. The purpose of this investigation was to determine the presence and/or absence of hazardous substances in the soils at the site. The investigation was conducted in accordance with the procedures outlined in the Soil Disposal Manifest (Appendix B).

The investigation involved the collection of soil samples from various locations at the site. The samples were analyzed for a variety of contaminants, including metals, organic compounds, and radionuclides. The results of the analysis indicate that no hazardous substances were detected in the soils at the site.

2.0 FIELD ACTIVITIES

The field activities involved the collection of soil samples from various locations at the site. The samples were collected using a hand auger and a soil probe. The samples were collected in plastic bags and transported to the laboratory for analysis. The samples were analyzed for a variety of contaminants, including metals, organic compounds, and radionuclides. The results of the analysis indicate that no hazardous substances were detected in the soils at the site.

3.0 LABORATORY ANALYTICAL METHODS

The laboratory analytical methods used in this investigation include wet chemical analysis, atomic absorption spectrometry, and gas chromatography-mass spectrometry. The results of the analysis indicate that no hazardous substances were detected in the soils at the site.

4.0 DATA EVALUATION

The data evaluation involved the review of the laboratory analytical results and the comparison of the results to established standards. The results of the analysis indicate that no hazardous substances were detected in the soils at the site.

5.0 FINDINGS AND RECOMMENDATIONS

The findings of this investigation indicate that no hazardous substances were detected in the soils at the site. No recommendations are made in this report.

**LIMITED SITE INVESTIGATION AND SOIL EXCAVATION SERVICES**

Sale Ford  
1145 US Hwy 258 North

Kinston, Lenoir County, NC

Terracon Project No. 72117067  
September 23, 2011

## 1.0 INTRODUCTION

### 1.1 Site Description

Site Name	Sale Ford
Site Location/Address	1145 US Hwy 258 North
General Site Description	The site has been improved with three buildings, stand alone shelters, attached shelters and asphalt parking/drive areas. The site is currently operating as an automotive dealership/repair shop.

A topographic map is included as Figure 1 in Appendix A. A site diagram indicating the site features is included as Figure 2 in Appendix A and a Sample Location Map indicating boring/sample locations is included as Figure 3 in Appendix A.

### 1.2 Project Information/Scope of Work

#### Project Information

Project information was obtained from our Phase I Environmental Site Assessment (ESA) performed for the subject site dated July 22, 2011 (Terracon Project No. 72117047). Based on our ESA, the site is currently a car dealership and automotive repair shop. Portions of the automotive repair shop were historically utilized as an auto body shop.

As part of our ESA, we noted that the site currently utilizes nine underground hydraulic lifts, an area that appears to have contained an underground hydraulic lift that has been converted to an aboveground lift, a small stained soil area near the northeast corner of the main building that appears to be due to leaking new oil aboveground storage tanks (ASTs), the site formerly containing two petroleum underground storage tanks (USTs) that have been reportedly removed without closure documentation and the current/historic use of the site as an automotive repair shop/auto body shop. Based on our findings during our ESA, these listed areas/site features were considered Recognized Environmental Concerns (RECs).

Based on the above identified RECs, Terracon recommended the following in our ESA:

- A Phase II subsurface investigation in the area of the underground lifts and stained soil area.

- Follow up on the UST listing observed on the EDR report (former Roy Jones Pontiac) to identify whether these listed USTs were utilized onsite and properly closed out. If closure reports are not found, additional subsurface investigations will be required.

Based on our recommendations and subsequent discussions, the client's lending institution (Wells Fargo) requested that we provide a proposal for the following:

- A subsurface investigation in the areas of the current and former underground hydraulic lifts in order to ascertain whether the lifts have been leaking and impacted the soil and groundwater.
- Obtaining copies of tank closure documents for the two former USTs associated with the site and verifying that these tanks were properly closed. If tank closure documentation is not available, perform subsurface investigations including soil and groundwater sampling to ascertain whether residual contamination remains onsite.
- Excavate the stained soil area associated with the new oil ASTs and collect confirmation samples to confirm that the contaminated soil has been remediated.

Based on conversations with the North Carolina Department of Natural Resources (NCDENR), closure documentation for the two tanks located onsite are not on file at their agency. Subsequent conversations with the client also indicated that the client could not find tank closure documentation in their files. Sale Ford personnel did send us a building site plan that indicates the locations of these two former tanks. Sale Ford personnel also indicated that the USTs were removed in 1986. One former UST that was located on the north side of the dealership building was reportedly a gasoline UST. The second UST that was located on the south side of the dealership building was reportedly a used oil UST.

Based on our findings, the requested scope of work from the client's lending institution and subsequent information obtained from Sale Ford, Terracon recommended the following Scope of Services. The Scope of Services was been broken up into two tasks.

#### Scope of Services

##### Task 1 – Limited Site Investigation Services

The Limited Site Investigation Services included soil and groundwater sampling in select areas onsite in order to ascertain whether impacts have occurred from the underground hydraulic lifts, the former USTs and the current/historical use of the site as an automotive repair shop and auto body shop.

Based on the provided information, Terracon performed the following tasks in order to complete the LSI:

- Contacted NC One Call in order to have the public underground utilities located prior to our arrival on site. We also contracted with a private utility location firm to have private utilities marked prior to our subsurface investigation.
- Mobilized to the site with a drilling subcontractor to utilize a geoprobe unit to advance thirteen borings in select areas across the site. Ten of these borings were advanced inside

the main building in areas of current or former underground hydraulic lifts. Three borings were advanced in the areas of the former USTs.

- Screened the soils during the geoprobe operations using a photo ionization detector (PID) in order to ascertain possible soil contamination.
- Obtained five soil samples from the soils that were field screened to have the highest contamination or at the discretion of Terracon's onsite Environmental Professional. Three soil samples were collected in areas associated with the hydraulic lifts and two soil samples were collected from areas associated with the former USTs (one from each basin). The soil samples were collected from varying depths to just above the groundwater saturated zone.
- Obtained five groundwater samples using a peristaltic pump from borings with the highest field screening levels or at the discretion of Terracon's onsite Environmental Professional.
- Soil samples were analyzed for TPH using EPA Method 5030 for Gasoline Range Organics, EPA Method 3550 for Diesel Range Organics and EPA Method 9071 for Oil & Grease.
- The groundwater samples were analyzed for volatiles using EPA Method 8260 and semi-volatiles using EPA Method 8270.
- Samples were analyzed using a standard turnaround time.

### Task 2 – Soil Excavation Services

The Soil Excavation Services included contaminated soil excavation, contaminated soil disposal, confirmation sampling and backfill in the area of the oil impacted soil area near the northeast corner of the main shop building.

Based on the provided information, Terracon performed the following tasks in order to complete the Soil Excavation Services:

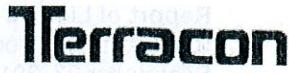
- Contacted NC One Call in order to have the public underground utilities located prior to our arrival on site. We also contracted with a private utility location firm to have private utilities marked prior to our subsurface investigation.
- Mobilized to the site with our grading subcontractor to excavate the contaminated soil area. The contaminated soil was placed into a dumptruck and hauled to a permitted land farm facility for disposal.
- Screened the soils during the soil excavation using a photo ionization detector (PID) in order to identify extents of contamination.
- Obtained five confirmation soil samples after contaminated soils were removed. One sample was collected from the excavation bottom and four confirmation samples were collected from the sidewalls of the excavation.
- Obtained one soil sample from the contaminated soil pile as required by the soil disposal facility.
- Confirmation soil samples were analyzed volatiles using EPA Method 8260 and semi-volatiles using EPA Method 8270.
- The soil pile sample was analyzed for TPH using EPA Method 5030 for Gasoline Range Organics, EPA Method 3550 for Diesel Range Organics, EPA Method 9071 for Oil & Grease and TCLP Metals.
- Samples were analyzed using a standard turnaround time.

Terracon issued this report of our findings that includes both the LSI results and Soil Excavation Services findings.

## **Report of Limited Site Investigation and Soil Excavation Services**

Sale Ford ■ Kinston, NC

September 23, 2011 ■ Terracon Project No. 72117067



### **1.3 Standard of Care**

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report. These LSI/Soil Excavation Services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal and were not restricted by ASTM E1903-97.

### **1.4 Additional Scope Limitations**

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, nondetectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this LSI/Soil Excavation Services. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

### **1.5 Reliance**

This report has been prepared for the exclusive use of Sale Ford, LLC and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of Sale Ford, LLC and Terracon. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in the proposal, LSI/Soil Excavation Services Report and Terracon's terms and conditions is the aggregate limit of Terracon's liability to the client and all relying parties unless otherwise agreed in writing.

## **2.0 FIELD ACTIVITIES**

Terracon's field activities were conducted on September 8, 2011 under the supervision of Mr. Allen McColl, Environmental Professional with Terracon. Field activities included advancing thirteen borings using a geoprobe unit, collecting soil samples, collecting groundwater samples from temporary monitoring wells and the supervision of contaminated soil removal. These field activities are further discussed below. Please see Figure 3 in Appendix A for our Site Diagram indicating boring locations and other pertinent site information.

### Limited Site Investigation Services (Task 1)

#### **Soil Borings**

Drilling services were performed by a State of North Carolina licensed driller using a track-mounted geoprobe unit under the supervision of a Terracon Environmental Professional. Soil samples were collected using four-foot core barrel samplers from the geoprobe unit. A disposable clear plastic liner in the geoprobe soil sampler was changed between each boring interval and location. Drilling equipment was cleaned prior to beginning the project and before beginning each soil boring.

Soil samples were collected continuously and observed to document soil lithology, color, moisture content and sensory evidence of impairment. The soil samples were field-screened using a MiniRAE 2000 photoionization detector (PID) to indicate the presence of VOCs. Each soil boring was divided into Zip-lock bags at approximately 2 foot intervals prior to PID analysis. Please note that the PID field screenings readings were 0.0 parts per million (ppm) for the boring intervals.

Based on the discretion of onsite Terracon personnel, Terracon collected soil samples from borings from the following locations and intervals: SB-2 (8'-10') in the reported former gasoline UST area, SB-3 (8'-10') in the reported former waste oil UST area, SB-7 (8'-10') near a hydraulic lift, SB-10 (8'-10') near a hydraulic lift and SB-12 (8'-12') near a hydraulic lift.

Groundwater was encountered in each boring at approximately 10 to 12 feet below land surface at each boring location.

Each soil sample was collected using gloved hands. Gloves were changed at each sample collection point. The soil samples for laboratory analysis were then placed in laboratory prepared containers and placed in a cooler with ice.

#### **Groundwater Sampling**

Five groundwater samples were obtained from borings at the discretion of onsite Terracon personnel and referenced as GW-1 through GW-5.

Groundwater samples were collected using a peristaltic pump and disposable tubing from temporary wells installed by a direct push method using the geoprobe. The temporary groundwater monitoring wells were 1-inch diameter wells installed to a depth of approximately 16 feet below land surface. Each temporary well consisted of a five foot section of 0.010-inch machine slotted PVC well screen with a 2 foot flush joint PVC riser. The temporary wells were backfilled with pre-sieved silica sand pack from the bottom of the boring to approximately 2 feet above the top of the well screen.

Prior to groundwater sample collection, each temporary well was purged until the groundwater was relatively clear.

Groundwater samples were then collected using disposable tubing and a peristaltic pump. Disposable gloves were used and changed at each sample location. The groundwater samples were then placed in laboratory prepared containers and placed in a cooler with ice.

Following sample collection, each of the borings were properly abandoned using boring cuttings and bentonite pellets from the bottom of the boring to within a foot of the land surface and topped with sand backfill.

Soil cuttings, groundwater and equipment cleaning water generated during the field activities are not required to be containerized by NCDENR. These materials were spread out on-site around the general boring location or used as fill for the borings during their closure.

### **Soil Excavation Services (Task 2)**

Soil excavation services were performed by our grading subcontractor. Contaminated soils were excavated using a trackhoe and the contaminated soils were initially placed into our grading subcontractor's dumptruck.

During the excavation services, it became apparent that the volume of contamination was greater than anticipated. In addition, during excavation, we encountered gasoline and/or solvent odors at approximately 4 feet below land surface. It is our opinion that this newly encountered olfactory evidence of contamination is not associated with the new oil staining observed at the surface. The contamination could potentially be from the adjacent shop building that was formerly used as a body shop.

This excavation was limited horizontally in two directions due to the potential for undermining the shop building and/or the new oil ASTs/AST shelter. In addition, the vertical limits of excavation was becoming limited due to soils becoming increasingly moist indicating groundwater saturation zones being reached.

The final limits of the excavation were approximately 4' (wide) x 4' (length) x 8' (deep). Once final excavation limits were reached, Terracon collected a confirmation soil sample from each side wall (SW-1, SW-2, SW-3 and SW-4) and from the bottom of the excavation (Basin). Terracon also collected a Soil Pile Sample from stockpiled soils as required by the soil disposal facility.

Due to the amount of contaminated soil excavated from the pit being greater than what was anticipated, our grading subcontractor stockpiled the contaminated soil on plastic on-site until the following day due to the inability to haul the excavated soil volume with the existing equipment.

The sample cooler containing both soil and groundwater samples and completed chain-of-custody form was relinquished to Pace Analytical, Inc., an analytical laboratory in Huntersville, NC for standard turnaround.

Our grading subcontractor returned to the site with a larger dumptruck on September 9, 2011 in order to excavate the stockpiled contaminated soil. The contaminated soil was hauled to GTA Farms in Shannon, NC (Permit Number SRU600072) for disposal. A copy of the soil disposal manifest indicating that 10.54 tons of contaminated soil was hauled and disposed is attached in Appendix B of this report.

### 3.0 LABORATORY ANALYTICAL METHODS

Soil samples SB-2, SB-3, SB-7, SB-10 and SB-12 were analyzed for GRO using EPA Method 5030, DRO using EPA Method 3550 and Oil and Grease using EPA Method 9071.

Groundwater samples GW-1, GW-2, GW-3, GW-4 and GW-5 were analyzed for volatiles using EPA Method 8260 w/ BTEX and semi-volatiles using EPA Method 8270.

Confirmation soil samples SW-1, SW-2, SW-3, SW-4, SW-5 and Basin were analyzed for volatiles using EPA Method 8260 w/ BTEX and semi-volatiles using EPA Method 8270.

Laboratory results are summarized in the tables included in Section 4.0 of this report. The executed chain-of-custody form and laboratory data sheets are provided in Appendix C.

### 4.0 DATA EVALUATION

#### 4.1 LSI Soil Samples

The following summarizes the results of our sampling and analysis of the soil samples obtained during the LSI:

- The soil samples collected from SB-2, SB-3 (USTs), SB-7, SB-10 and SB-12 (lifts) were analyzed to be Non Detect (ND) and below the laboratory's method detection limit for GRO, DRO and Oil and Grease.

#### 4.2 Soil Excavation Services Confirmation Soil Samples

The following summarizes the results of our sampling and analysis of the confirmation soil samples obtained during the Soil Excavation Services:

- The soil samples collected from SW-1, SW-2 and Basin were analyzed to be Non Detect (ND) and below the laboratory's method detection limit for volatiles and semi-volatiles
- The soil sample collected from SW-3 was analyzed to be above method detection limits for volatiles under the 8260 Method and ND for semi-volatiles under the 8270 Method. Please note that the constituents analyzed above the laboratory's method detection limit are below the North Carolina Department of Natural Resources (NCDENRs) Soil to Groundwater Maximum Soil Contaminant Concentrations (MSCCs).
- The soil sample collected from SW-4 was analyzed above NCDENRs MSCCs for Naphthalene using the 8260 Method and 2-Methylnaphthalene and Naphthalene using the 8270 Method. Additional constituents identified in SW-4 were below NCDENRs MSCCs.

The laboratory results compared to NCENR's MSCCs are summarized Table 1 and 2 below.

Report of Limited Site Investigation and Soil Excavation Services

Sale Ford ■ Kinston, NC

September 23, 2011 ■ Terracon Project No. 72117067

**Terracon**

**Table 1 EPA 8260 Soil Sampling Analytical Summary**

Sample ID	Contaminant of Concern (Quantities Reported in mg/kg) Analyzed by EPA Method 8260					
	Acetone	Sec-Butylbenzene	Naphthalene	1,2,4- Trimethylbenzene	1,3,5- Trimethylbenzene	Xylenes
SW-1	ND	ND	ND	ND	ND	ND
SW-2	ND	ND	ND	ND	ND	ND
SW-3	0.103	ND	0.052	0.019	0.013	0.005
SW-4	0.25	0.044	14.9	2.87	1.53	ND
Basin	ND	ND	ND	ND	ND	ND
<b>Soil to Water Maximum Soil MSCC (mg/kg)</b>	<b>24</b>	<b>3.3</b>	<b>0.16</b>	<b>8.5</b>	<b>8.3</b>	<b>4.6</b>
<b>Residential Soil MSCC (mg/kg)</b>	<b>14,000</b>	<b>626</b>	<b>313</b>	<b>782</b>	<b>782</b>	<b>3,129</b>
<b>Industrial/ Commercial MSCC (mg/kg)</b>	<b>360,000</b>	<b>16,350</b>	<b>8,176</b>	<b>20,440</b>	<b>20,440</b>	<b>81,760</b>

NE = not established (an action level for this constituent has not been established by NCDENR); Constituents shaded are above NCDENRs Soil to Water MSCCs. Constituents in the table in red are above Residential MSCCs. Constituents in blue are above Industrial MSCCs. Quantities are reported in mg/kg (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); Multiple constituents analyzed as ND in the soil sample are not listed in the above table.

**Table 2 EPA 8270 Soil Sampling Analytical Summary**

Sample ID	Contaminant of Concern (Quantities Reported in mg/kg) Analyzed by EPA Method 8270			
	Benzoic Acid	1- Methylnaphthalene	2- Methylnaphthalene	Naphthalene
SW-1	ND	ND	ND	ND
SW-2	ND	ND	ND	ND
SW-3	ND	ND	ND	ND
SW-4	ND	10.0	22.0	4.63
Basin	ND	ND	ND	ND
<b>Soil to Water Maximum Soil MSCC (mg/kg)</b>	<b>120</b>	<b>NE</b>	<b>3.6</b>	<b>0.16</b>
<b>Residential Soil MSCC (mg/kg)</b>	<b>62,571</b>	<b>NE</b>	<b>63</b>	<b>313</b>
<b>Industrial/ Commercial MSCC (mg/kg)</b>	<b>1,635,260</b>	<b>NE</b>	<b>1,635</b>	<b>8,176</b>

NE = not established (an action level for this constituent has not been established by NCDENR); Constituents shaded are above NCDENRs Soil to Water MSCCs. Constituents in the table in red are above Residential MSCCs. Constituents in blue are above Industrial MSCCs. Quantities are reported in mg/kg (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); Multiple constituents analyzed as ND in the soil sample are not listed in the above table.

Please note that the side wall in which SW-4 was collected is located along the wooden shelter that contains the new oil ASTs. Additional excavation in this area will undermine this shelter and the ASTs.

#### 4.3 LSI Groundwater Samples

The following summarizes the results of our sampling and analysis of the groundwater samples obtained during the LSI:

- Groundwater samples GW-1, GW-3 and GW-4 were analyzed to be ND and below the laboratory's method detection limit for volatiles and semi-volatiles
  - Groundwater samples GW-2 and GW-5 were analyzed to be above NCDENRs Groundwater Quality Standards (GWS) for Tetrachloroethene (PCE) using the 8260 Method. The other constituents using the 8260 Method and the constituents using the 8270 Method were ND for GW-2 and GW-5.

The laboratory results compared to NCENR's GWS and Gross Contamination Levels for Groundwater are summarized Table 3 and 4 below.

**Table 3 EPA 8260 Groundwater Sampling Summary**

Sample ID	Benzene	2-Butanone (MEK)	Chloroethane	Ethylbenzene	MTBE	Naphthalene	Toluene	Tetrachloroethylene	Trichloroethane
GW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND
GW-2	ND	ND	ND	ND	ND	ND	ND	13.8	ND
GW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND
GW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND
GW-5	ND	ND	ND	ND	ND	ND	ND	1.1	ND
<b>NC 2L Groundwater Quality Standards (ug/l)</b>	<b>1</b>	<b>4000</b>	<b>3</b>	<b>600</b>	<b>20</b>	<b>6</b>	<b>600</b>	<b>0.7</b>	<b>3</b>
<b>Gross Contamination Levels for Groundwater (ug/l)</b>	<b>5000</b>	<b>4,000,000</b>	<b>3000</b>	<b>64,500</b>	<b>20,000</b>	<b>6000</b>	<b>260,00</b>	<b>700</b>	<b>3000</b>

Shaded area above NCDENRs Groundwater Quality Standards. Quantities are reported in ug/l (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); Constituents not listed in the table above were analyzed to be ND.

Table 4 EPA 8270 Groundwater Sampling Summary

EPA 8270 Sample Results (ug/l)					
Sample ID	Anthracene	Fluorene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene
GW-1	ND	ND	ND	ND	ND
GW-2	ND	ND	ND	ND	ND
GW-3	ND	ND	ND	ND	ND
GW-4	ND	ND	ND	ND	ND
GW-5	ND	ND	ND	ND	ND
<b>NC 2L Groundwater Quality Standards (ug/l)</b>	<b>2000</b>	<b>300</b>	<b>NE</b>	<b>30</b>	<b>6</b>
<b>Gross Contamination Levels for Groundwater (ug/l)</b>	<b>2000</b>	<b>300</b>	<b>NE</b>	<b>12,500</b>	<b>6000</b>

NE = not established (an action level for this constituent has not been established by NCDENR); Shaded are above NCDENRs Groundwater Quality Standards. Quantities are reported in ug/l (parts per million); ND = Non Detect (constituent was analyzed to be below the laboratory's method detection limit); Constituents not listed in the table above were analyzed to be ND.

## 5.0 FINDINGS AND RECOMMENDATIONS

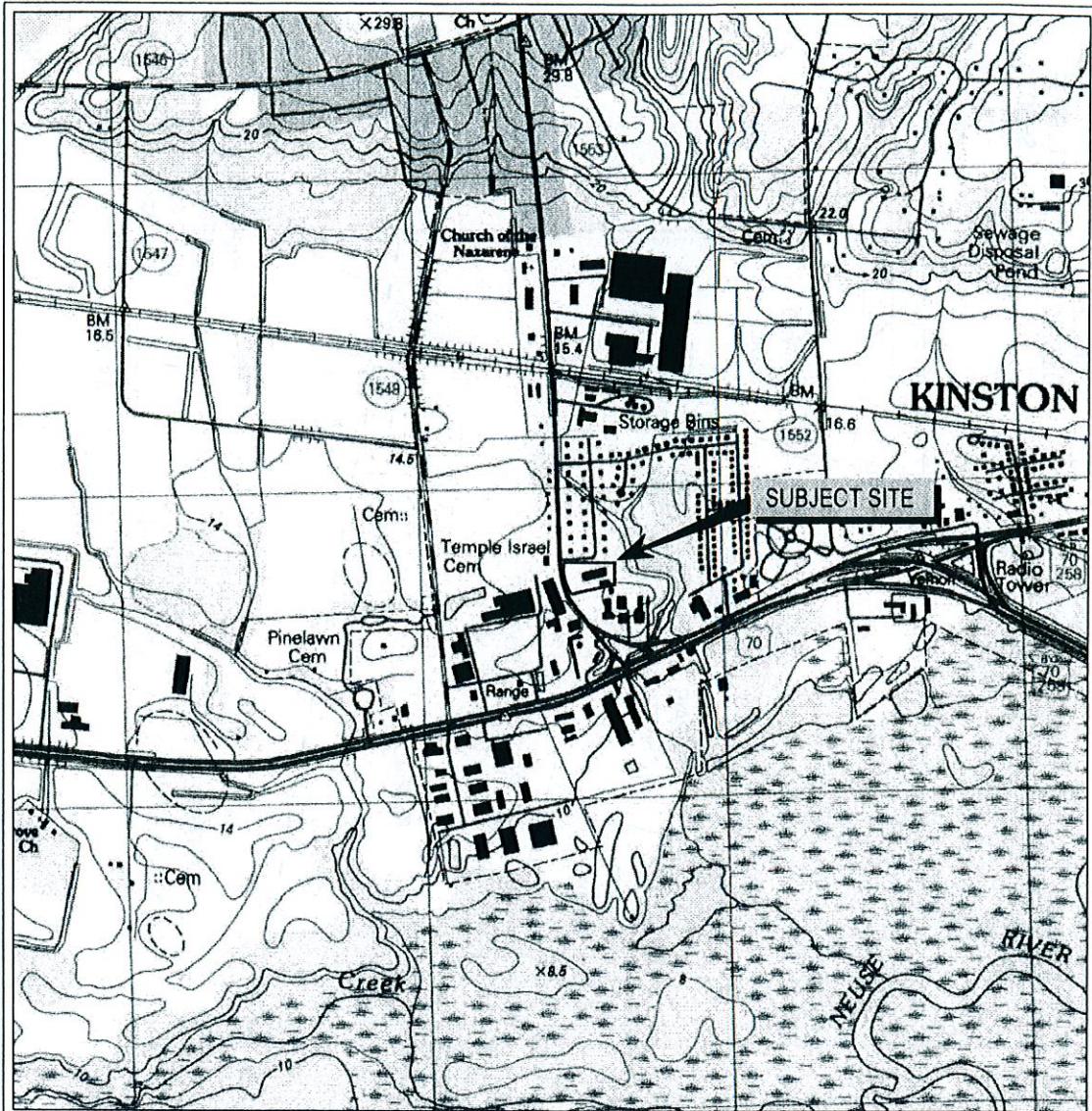
Based on the analytical results for soil being above NCDENR's Soil to Groundwater Maximum Soil Contaminant Concentrations for SW-4 and groundwater being above NCDENR's Groundwater Quality Standards for PCE in GW-2 and GW-5, Terracon recommends that a copy of this report be forwarded to the NCDENR Washington Regional Office for their review.

It is likely that NCDENR will require additional environmental investigations including additional soil and groundwater assessments for the areas where contamination was detected.

## Appendix A

## Figures

UNITED STATES - DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY



SCALE 1:24 000

A horizontal scale bar divided into three main segments by vertical tick marks. The first segment is labeled "KILOMETERS" above the center line, with numerical labels "1", ".5", "0", "1", and "2" at the ends and midpoints. The second segment is labeled "METERS" above the center line, with numerical labels "1000", "0", "1000", and "2000" at the ends and midpoints. The third segment is labeled "MILES" above the center line, with numerical labels "1", ".5", "0", and "1" at the ends and midpoints. Below the scale bar, a horizontal line with numerical labels "1000", "0", "1000", "2000", "3000", "4000", "5000", "6000", "7000", "8000", "9000", and "10 000" spans the width of the segments.

CONTOUR INTERVAL 6 FEET  
NATIONAL GEODETIC VERTICAL DATUM OF 1929

QUADRANGLE  
FALLING CREEK, NC 1998  
1998  
7.5 MINUTE SERIES (TOPOGRAPHIC)



Project Mngr: KAM  
Drawn By: SEG  
Checked By: MRF/KAM  
Approved By: CB

Project No.	72117067
Scale:	AS SHOWN
File No.	LSI72117067-1
Date:	SEPTEMBER 2011



**Terracor**  
Consulting Engineers and Scientists

314 Beacon Drive Winterville, NC 28590  
(252) 353-1600 (252) 353-0002

**TOPOGRAPHIC VICINITY MAP**  
**LIMITED SITE INVESTIGATION AND SOIL EXCAVATION SERVICES**  
**SALE FORD**  
**1145 US HWY. 258 N**  
**KINSTON, NC**

FIG. No.  
1

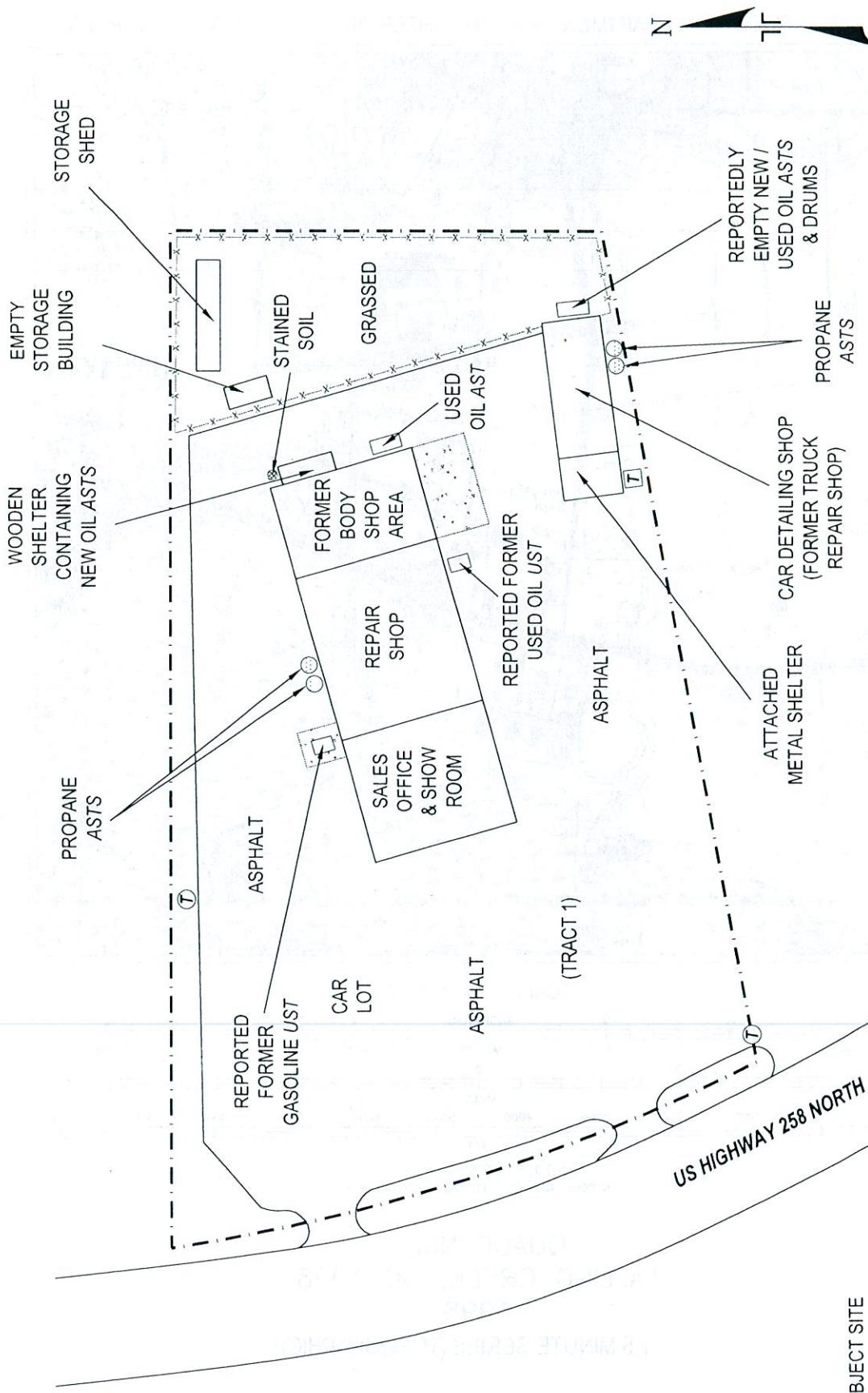
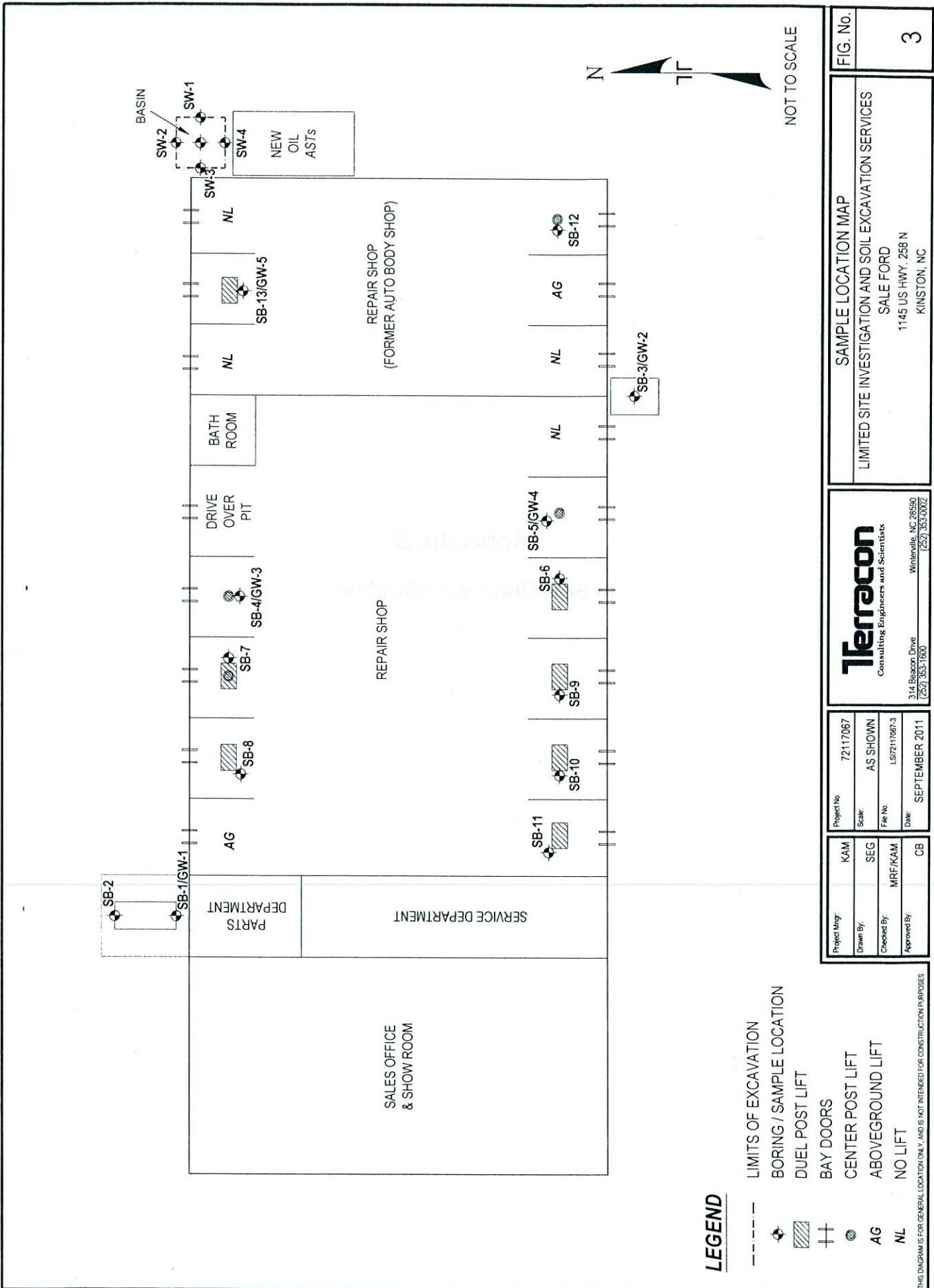


FIG. No.	SITE DIAGRAM
2	LIMITED SITE INVESTIGATION AND SOIL EXCAVATION SERVICES SALE FORD 1145 US HWY. 258 N KINSTON, NC

Project No.	KAM	Project No.	72117067
Drawn By:	SEG	Scale:	AS SHOWN
Checked By:	MRF/KAM	File No.	LSI72117067-2
Approved By:	CB	Date:	SEPTEMBER 2011 (252) 353-1600
<b>Terracon</b> Consulting Engineers and Scientists			
Winterville, NC 28550 (252) 353-0002			

THIS DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES



**Appendix B**  
**Soil Disposal Manifest**

**NON-HAZARDOUS  
WASTE  
MANIFEST**  
EMERGENCY PHONE NO.  
(910) 843-4456

**GTA Farms, LLC**  
1295 McNeill Lake Road  
Shannon, NC 28386  
(910) 843-5000  
SRU 600072

Manifest Document No.

Generator GPS Location	Page <u>1</u> of <u>1</u>
------------------------	------------------------------------

**GENERATOR INFORMATION**

Name <u>Sale Ford</u>	US EPA ID No.
Street Address 1145 US Hwy 258N Kinston, NC	Mailing Address <u>Same</u>
Phone No. <u>(252) 522-3673</u>	Contact <u>Grant Jones</u>

**DESCRIPTION OF MATERIALS (Additional Information on Back)**

HM	USDOT Proper Shipping Name	Hazard Class or Div.	UN/NA ID No.	Packing Group	Containers Qty	Type,	Total Quantity	Unit Wt/Vol
a.	Petroleum Contaminated Soil	-	-	-	2	DT	10.54	T
b.								
c.								

**WASTE ORIGINATION LOCATION (COMPLETE ADDRESS)**

1145 US Hwy 258 N

**NOTE: SEE SOIL ANALYTICAL REQUIREMENTS ON BACK OF THIS FORM**

**GENERATOR'S CERTIFICATION**

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waste as defined by EPA 40 CFR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levels (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed/Typed Name	Signature	Mo/Day/Yr.
--------------------	-----------	------------

**TRANSPORTER INFORMATION**

Transporter <u>EHC Environmental, Inc</u>	I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.
Address <u>Po Box 902, Red Springs, NC 28377</u>	<u>8-18-11</u> Signature _____ Mo/Day/Yr.
Transporter or EPA ID No.	Unit No.
Phone <u>(910) 843-4456</u>	I hereby acknowledge that the above-described materials were received from the generator site and were transported to the facility listed below.
	<u>8-18-11</u> Signature _____ Mo/Day/Yr.

**FACILITY INFORMATION**

Facility <b>GTA Farms, LLC.</b>	I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.
Mailing Address <b>Post Office Box 547 Red Springs, NC 28387</b>	<u>8-19-11</u> Signature _____ Receipt Date
Facility Permit No. <b>SRU 600072</b>	Discrepancies / Routing Codes / Handling Methods
Phone <b>(910) 843-5000 or (910) 850-4299</b>	GPS LOCATION:
Contact: Thomas Ammons	

## Appendix C

## Laboratory Data Sheets and Chain-of-Custody



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

REPORT OF LABORATORY ANALYSIS

September 19, 2011

Mr. Allen McColl  
Terracon  
314 Beacon Drive  
Winterville, NC 28590

RE: Project: SALE FORD 72117067  
Pace Project No.: 92102073

Dear Mr. McColl:

Enclosed are the analytical results for sample(s) received by the laboratory on September 10, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards, where applicable, unless otherwise narrated in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that appears to read 'Kevin Herring'.

Kevin Herring

kevin.herring@pacelabs.com  
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## CERTIFICATIONS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

### Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078  
North Carolina Drinking Water Certification #: 37706  
North Carolina Field Services Certification #: 5342  
North Carolina Wastewater Certification #: 12  
South Carolina Certification #: 99006001  
South Carolina Drinking Water Cert. #: 99006003  
Virginia Drinking Water Certification #: 00213

Connecticut Certification #: PH-0104  
Florida/NELAP Certification #: E87627  
Kentucky UST Certification #: 84  
Louisiana DHH Drinking Water # LA 100031  
West Virginia Certification #: 357  
Virginia/VELAP Certification #: 460144

### Asheville Certification IDs

2225 Riverside Dr., Asheville, NC 28804  
Florida/NELAP Certification #: E87648  
Massachusetts Certification #: M-NC030  
North Carolina Bioassay Certification #: 9  
North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40  
South Carolina Certification #: 99030001  
Virginia Certification #: 00072  
West Virginia Certification #: 356  
Virginia/VELAP Certification #: 460147

## REPORT OF LABORATORY ANALYSIS

Page 2 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave., Suite 100  
Huntersville, NC 28078  
(704)875-9092

## SAMPLE ANALYTE COUNT

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92102073001	SB-2	EPA 8015 Modified 9071B 9071B	CAH CLW CLW	2 1 1	PASI-C PASI-C PASI-C
		EPA 8015 Modified ASTM D2974-87	KJM TNM	2 1	PASI-C PASI-C
92102073002	SB-3	EPA 8015 Modified 9071B 9071B	CAH CLW CLW	2 1 1	PASI-C PASI-C PASI-C
		EPA 8015 Modified ASTM D2974-87	KJM TNM	2 1	PASI-C PASI-C
92102073003	SB-7	EPA 8015 Modified 9071B 9071B	CAH CLW CLW	2 1 1	PASI-C PASI-C PASI-C
		EPA 8015 Modified ASTM D2974-87	KJM TNM	2 1	PASI-C PASI-C
92102073004	SB-10	EPA 8015 Modified 9071B 9071B	CAH CLW CLW	2 1 1	PASI-C PASI-C PASI-C
		EPA 8015 Modified ASTM D2974-87	KJM TNM	2 1	PASI-C PASI-C
92102073005	SB-12	EPA 8015 Modified 9071B 9071B	CAH CLW CLW	2 1 1	PASI-C PASI-C PASI-C
		EPA 8015 Modified ASTM D2974-87	KJM TNM	2 1	PASI-C PASI-C
92102073006	GW-1	EPA 8270 EPA 8260	PPM MCK	74 63	PASI-C PASI-C
92102073007	GW-2	EPA 8270 EPA 8260	PPM MCK	74 63	PASI-C PASI-C
92102073008	GW-3	EPA 8270 EPA 8260	PPM MCK	74 63	PASI-C PASI-C
92102073009	GW-4	EPA 8270 EPA 8260	PPM MCK	74 63	PASI-C PASI-C
92102073010	GW-5	EPA 8270 EPA 8260	PPM MCK	74 63	PASI-C PASI-C
92102073011	SOIL PILE	EPA 8015 Modified 9071B	CAH CLW	2 1	PASI-C PASI-C

## REPORT OF LABORATORY ANALYSIS

Page 3 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## SAMPLE ANALYTE COUNT

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		9071B	CLW	1	PASI-C
		EPA 8015 Modified	KJM	2	PASI-C
		EPA 6010	JMW	7	PASI-A
		EPA 7470	JMW	1	PASI-A
		ASTM D2974-87	TNM	1	PASI-C
92102073012	SW-1	EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92102073013	SW-2	EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92102073014	SW-3	EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92102073015	SW-4	EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92102073016	BASIN	EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C

## REPORT OF LABORATORY ANALYSIS

Page 4 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
Asheville, NC 2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-8771 (828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SB-2 Lab ID: 92102073001 Collected: 09/08/11 10:20 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546							
Diesel Components	ND mg/kg		5.9	1	09/12/11 14:13	09/14/11 02:34	68334-30-5	
n-Pentacosane (S)	59 %		41-119	1	09/12/11 14:13	09/14/11 02:34	629-99-2	
9071 Oil and Grease	Analytical Method: 9071B Preparation Method: 9071B							
Oil and Grease	ND mg/kg		82.5	1	09/15/11 08:21	09/15/11 08:48		
9071 SGT-HEM, TPH	Analytical Method: 9071B Preparation Method: 9071B							
Total Petroleum Hydrocarbons	ND mg/kg		82.5	1	09/15/11 08:39	09/15/11 09:02		
Gasoline Range Organics	Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B							
Gasoline Range Organics	ND mg/kg		2.6	1	09/12/11 14:23	09/12/11 18:03	8006-61-9	
4-Bromofluorobenzene (S)	91 %		70-167	1	09/12/11 14:23	09/12/11 18:03	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	15.2 %		0.10	1			09/12/11 14:02	



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SB-3 Lab ID: 92102073002 Collected: 09/08/11 11:00 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015 GCS THC-Diesel</b> Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.8	1	09/12/11 14:13	09/14/11 03:02	68334-30-5	
n-Pentacosane (S)	68 %		41-119	1	09/12/11 14:13	09/14/11 03:02	629-99-2	
<b>9071 Oil and Grease</b> Analytical Method: 9071B Preparation Method: 9071B								
Oil and Grease	ND mg/kg		80.5	1	09/15/11 08:21	09/15/11 08:48		
<b>9071 SGT-HEM, TPH</b> Analytical Method: 9071B Preparation Method: 9071B								
Total Petroleum Hydrocarbons	ND mg/kg		80.5	1	09/15/11 08:39	09/15/11 09:02		
<b>Gasoline Range Organics</b> Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		2.4	1	09/12/11 14:23	09/12/11 18:28	8006-61-9	
4-Bromofluorobenzene (S)	92 %		70-167	1	09/12/11 14:23	09/12/11 18:28	460-00-4	
<b>Percent Moisture</b> Analytical Method: ASTM D2974-87								
Percent Moisture	13.1 %		0.10	1			09/12/11 14:02	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 6 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SB-7 Lab ID: 92102073003 Collected: 09/08/11 13:20 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel	Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546							
Diesel Components	ND mg/kg		5.7	1	09/12/11 14:13	09/14/11 03:30	68334-30-5	
n-Pentacosane (S)	63 %		41-119	1	09/12/11 14:13	09/14/11 03:30	629-99-2	
9071 Oil and Grease	Analytical Method: 9071B Preparation Method: 9071B							
Oil and Grease	ND mg/kg		80.2	1	09/15/11 08:21	09/15/11 08:48		
9071 SGT-HEM, TPH	Analytical Method: 9071B Preparation Method: 9071B							
Total Petroleum Hydrocarbons	ND mg/kg		80.2	1	09/15/11 08:39	09/15/11 09:02		
Gasoline Range Organics	Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B							
Gasoline Range Organics	ND mg/kg		6.7	1	09/12/11 14:23	09/12/11 18:52	8006-61-9	
4-Bromofluorobenzene (S)	96 %		70-167	1	09/12/11 14:23	09/12/11 18:52	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	12.8 %		0.10	1		09/12/11 14:03		



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SB-10 Lab ID: 92102073004 Collected: 09/08/11 16:15 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015 GCS THC-Diesel</b> Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.7	1	09/12/11 14:13	09/14/11 04:55	68334-30-5	
n-Pentacosane (S)	60 %		41-119	1	09/12/11 14:13	09/14/11 04:55	629-99-2	
<b>9071 Oil and Grease</b> Analytical Method: 9071B Preparation Method: 9071B								
Oil and Grease	ND mg/kg		80.1	1	09/15/11 08:22	09/15/11 08:48		
<b>9071 SGT-HEM, TPH</b> Analytical Method: 9071B Preparation Method: 9071B								
Total Petroleum Hydrocarbons	ND mg/kg		80.1	1	09/15/11 08:39	09/15/11 09:02		
<b>Gasoline Range Organics</b> Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		7.0	1	09/12/11 14:23	09/12/11 20:06	8006-61-9	
4-Bromofluorobenzene (S)	98 %		70-167	1	09/12/11 14:23	09/12/11 20:06	460-00-4	
<b>Percent Moisture</b> Analytical Method: ASTM D2974-87								
Percent Moisture	12.6 %		0.10	1		09/12/11 14:03		

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 8 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

## ANALYTICAL RESULTS IA

Project: SALE FORD 72117067  
 Pace Project No.: 92102073

Sample: SB-12 Lab ID: 92102073005 Collected: 09/08/11 16:45 Received: 09/10/11 09:30 Matrix: Solid

**Results reported on a "dry-weight" basis**

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015 GCS THC-Diesel</b> Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND mg/kg		5.7	1	09/12/11 14:13	09/14/11 05:23	68334-30-5	
n-Pentacosane (S)	67 %		41-119	1	09/12/11 14:13	09/14/11 05:23	629-99-2	
<b>9071 Oil and Grease</b> Analytical Method: 9071B Preparation Method: 9071B								
Oil and Grease	ND mg/kg		79.2	1	09/15/11 08:22	09/15/11 08:48		
<b>9071 SGT-HEM, TPH</b> Analytical Method: 9071B Preparation Method: 9071B								
Total Petroleum Hydrocarbons	ND mg/kg		79.2	1	09/15/11 08:39	09/15/11 09:02		
<b>Gasoline Range Organics</b> Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND mg/kg		7.1	1	09/12/11 14:23	09/12/11 20:31	8006-61-9	
4-Bromofluorobenzene (S)	95 %		70-167	1	09/12/11 14:23	09/12/11 20:31	460-00-4	
<b>Percent Moisture</b> Analytical Method: ASTM D2974-87								
Percent Moisture	11.6 %		0.10	1		09/12/11 14:03		

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
 without the written consent of Pace Analytical Services, Inc.

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
 Pace Project No.: 92102073

Sample: GW-1	Lab ID: 92102073006	Collected: 09/08/11 10:45	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Semivolatile Organic</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3510						
Acenaphthene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	83-32-9	
Acenaphthylene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	208-96-8	
Aniline	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	62-53-3	
Anthracene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	120-12-7	
Benzo(a)anthracene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	56-55-3	
Benzo(a)pyrene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	50-32-8	
Benzo(b)fluoranthene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	191-24-2	
Benzo(k)fluoranthene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	207-08-9	
Benzoic Acid	ND ug/L		55.6	1	09/13/11 18:00	09/15/11 12:18	65-85-0	
Benzyl alcohol	ND ug/L		22.2	1	09/13/11 18:00	09/15/11 12:18	100-51-6	
4-Bromophenylphenyl ether	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	101-55-3	
Butylbenzylphthalate	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	85-68-7	
4-Chloro-3-methylphenol	ND ug/L		22.2	1	09/13/11 18:00	09/15/11 12:18	59-50-7	
4-Chloroaniline	ND ug/L		22.2	1	09/13/11 18:00	09/15/11 12:18	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	111-91-1	
bis(2-Chloroethyl) ether	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	108-60-1	
2-Chloronaphthalene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	91-58-7	
2-Chlorophenol	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	95-57-8	
4-Chlorophenylphenyl ether	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	7005-72-3	
Chrysene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	53-70-3	
Dibenzofuran	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	132-64-9	
1,2-Dichlorobenzene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	95-50-1	
1,3-Dichlorobenzene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	541-73-1	
1,4-Dichlorobenzene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	106-46-7	
3,3'-Dichlorobenzidine	ND ug/L		22.2	1	09/13/11 18:00	09/15/11 12:18	91-94-1	
2,4-Dichlorophenol	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	120-83-2	
Diethylphthalate	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	84-66-2	
2,4-Dimethylphenol	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	105-67-9	
Dimethylphthalate	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	131-11-3	
Di-n-butylphthalate	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/L		22.2	1	09/13/11 18:00	09/15/11 12:18	534-52-1	
2,4-Dinitrophenol	ND ug/L		55.6	1	09/13/11 18:00	09/15/11 12:18	51-28-5	
2,4-Dinitrotoluene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	121-14-2	
2,6-Dinitrotoluene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	606-20-2	
Di-n-octylphthalate	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND ug/L		6.7	1	09/13/11 18:00	09/15/11 12:18	117-81-7	
Fluoranthene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	206-44-0	
Fluorene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	86-73-7	
Hexachloro-1,3-butadiene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	87-68-3	
Hexachlorobenzene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	118-74-1	
Hexachlorocyclopentadiene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	77-47-4	
Hexachloroethane	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	193-39-5	
Isophorone	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	78-59-1	

Date: 09/19/2011 12:33 PM

### REPORT OF LABORATORY ANALYSIS

Page 10 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave., Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: GW-1	Lab ID: 92102073006	Collected: 09/08/11 10:45	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Semivolatile Organic</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3510						
1-Methylnaphthalene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	90-12-0	
2-Methylnaphthalene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18		
Naphthalene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	91-20-3	
2-Nitroaniline	ND ug/L		55.6	1	09/13/11 18:00	09/15/11 12:18	88-74-4	
3-Nitroaniline	ND ug/L		55.6	1	09/13/11 18:00	09/15/11 12:18	99-09-2	
4-Nitroaniline	ND ug/L		22.2	1	09/13/11 18:00	09/15/11 12:18	100-01-6	
Nitrobenzene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	98-95-3	
2-Nitrophenol	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	88-75-5	
4-Nitrophenol	ND ug/L		55.6	1	09/13/11 18:00	09/15/11 12:18	100-02-7	
N-Nitrosodimethylamine	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	621-64-7	
N-Nitrosodiphenylamine	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	86-30-6	
Pentachlorophenol	ND ug/L		27.8	1	09/13/11 18:00	09/15/11 12:18	87-86-5	
Phenanthrone	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	85-01-8	
Phenol	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	108-95-2	
Pyrene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	129-00-0	
1,2,4-Trichlorobenzene	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	120-82-1	
2,4,5-Trichlorophenol	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	95-95-4	
2,4,6-Trichlorophenol	ND ug/L		11.1	1	09/13/11 18:00	09/15/11 12:18	88-06-2	
Nitrobenzene-d5 (S)	59 %		21-110	1	09/13/11 18:00	09/15/11 12:18	4165-60-0	
2-Fluorobiphenyl (S)	58 %		27-110	1	09/13/11 18:00	09/15/11 12:18	321-60-8	
Terphenyl-d14 (S)	59 %		31-107	1	09/13/11 18:00	09/15/11 12:18	1718-51-0	
Phenol-d6 (S)	27 %		10-110	1	09/13/11 18:00	09/15/11 12:18	13127-88-3	
2-Fluorophenol (S)	39 %		12-110	1	09/13/11 18:00	09/15/11 12:18	367-12-4	
2,4,6-Tribromophenol (S)	62 %		27-110	1	09/13/11 18:00	09/15/11 12:18	118-79-6	
<b>8260 MSV Low Level</b>		Analytical Method: EPA 8260						
Acetone	ND ug/L		25.0	1		09/14/11 03:44	67-64-1	
Benzene	ND ug/L		1.0	1		09/14/11 03:44	71-43-2	
Bromobenzene	ND ug/L		1.0	1		09/14/11 03:44	108-86-1	
Bromoform	ND ug/L		1.0	1		09/14/11 03:44	74-97-5	
Bromochloromethane	ND ug/L		1.0	1		09/14/11 03:44	75-27-4	
Bromodichloromethane	ND ug/L		1.0	1		09/14/11 03:44	75-25-2	
Bromoform	ND ug/L		1.0	1		09/14/11 03:44	74-83-9	
Bromomethane	ND ug/L		2.0	1		09/14/11 03:44	78-93-3	
2-Butanone (MEK)	ND ug/L		5.0	1		09/14/11 03:44	56-23-5	
Carbon tetrachloride	ND ug/L		1.0	1		09/14/11 03:44	108-90-7	
Chlorobenzene	ND ug/L		1.0	1		09/14/11 03:44	75-00-3	
Chloroethane	ND ug/L		1.0	1		09/14/11 03:44	67-66-3	
Chloroform	ND ug/L		1.0	1		09/14/11 03:44	74-87-3	
Chloromethane	ND ug/L		1.0	1		09/14/11 03:44	95-49-8	
2-Chlorotoluene	ND ug/L		1.0	1		09/14/11 03:44	106-43-4	
4-Chlorotoluene	ND ug/L		1.0	1		09/14/11 03:44	96-12-8	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		09/14/11 03:44	124-48-1	
Dibromochloromethane	ND ug/L		1.0	1		09/14/11 03:44	106-93-4	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		09/14/11 03:44		

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

Page 11 of 74



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: GW-1	Lab ID: 92102073006	Collected: 09/08/11 10:45	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV Low Level</b>								Analytical Method: EPA 8260
Dibromomethane	ND ug/L		1.0	1		09/14/11 03:44	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 03:44	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 03:44	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 03:44	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		09/14/11 03:44	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		09/14/11 03:44	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		09/14/11 03:44	107-06-2	
1,1-Dichloroethene	ND ug/L		1.0	1		09/14/11 03:44	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		09/14/11 03:44	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		09/14/11 03:44	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		09/14/11 03:44	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		09/14/11 03:44	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		09/14/11 03:44	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		09/14/11 03:44	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		09/14/11 03:44	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		09/14/11 03:44	10061-02-6	
Diisopropyl ether	ND ug/L		1.0	1		09/14/11 03:44	108-20-3	
Ethylbenzene	ND ug/L		1.0	1		09/14/11 03:44	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		09/14/11 03:44	87-68-3	
2-Hexanone	ND ug/L		5.0	1		09/14/11 03:44	591-78-6	
p-Isopropyltoluene	ND ug/L		1.0	1		09/14/11 03:44	99-87-6	
Methylene Chloride	ND ug/L		2.0	1		09/14/11 03:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1		09/14/11 03:44	108-10-1	
Methyl-tert-butyl ether	ND ug/L		1.0	1		09/14/11 03:44	1634-04-4	
Naphthalene	ND ug/L		1.0	1		09/14/11 03:44	91-20-3	
Styrene	ND ug/L		1.0	1		09/14/11 03:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		09/14/11 03:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		09/14/11 03:44	79-34-5	
Tetrachloroethylene	ND ug/L		1.0	1		09/14/11 03:44	127-18-4	
Toluene	ND ug/L		1.0	1		09/14/11 03:44	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		09/14/11 03:44	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		09/14/11 03:44	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		09/14/11 03:44	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		09/14/11 03:44	79-00-5	
Trichloroethylene	ND ug/L		1.0	1		09/14/11 03:44	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		09/14/11 03:44	75-69-4	
1,2,3-Trichloropropane	ND ug/L		1.0	1		09/14/11 03:44	96-18-4	
Vinyl acetate	ND ug/L		2.0	1		09/14/11 03:44	108-05-4	
Vinyl chloride	ND ug/L		1.0	1		09/14/11 03:44	75-01-4	
m&p-Xylene	ND ug/L		2.0	1		09/14/11 03:44	179601-23-1	
o-Xylene	ND ug/L		1.0	1		09/14/11 03:44	95-47-6	
4-Bromofluorobenzene (S)	99 %		70-130	1		09/14/11 03:44	460-00-4	
Dibromofluoromethane (S)	117 %		70-130	1		09/14/11 03:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	112 %		70-130	1		09/14/11 03:44	17060-07-0	
Toluene-d8 (S)	102 %		70-130	1		09/14/11 03:44	2037-26-5	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

Page 12 of 74



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincay Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: GW-2	Lab ID: 92102073007	Collected: 09/08/11 11:40	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	83-32-9	
Acenaphthylene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	208-96-8	
Aniline	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	62-53-3	
Anthracene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	120-12-7	
Benzo(a)anthracene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	56-55-3	
Benzo(a)pyrene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	50-32-8	
Benzo(b)fluoranthene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	191-24-2	
Benzo(k)fluoranthene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	207-08-9	
Benzoic Acid	ND ug/L		56.2	1	09/13/11 18:00	09/15/11 12:46	65-85-0	
Benzyl alcohol	ND ug/L		22.5	1	09/13/11 18:00	09/15/11 12:46	100-51-6	
4-Bromophenylphenyl ether	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	101-55-3	
Butylbenzylphthalate	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	85-68-7	
4-Chloro-3-methylphenol	ND ug/L		22.5	1	09/13/11 18:00	09/15/11 12:46	59-50-7	
4-Chloroaniline	ND ug/L		22.5	1	09/13/11 18:00	09/15/11 12:46	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	111-91-1	
bis(2-Chloroethyl) ether	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	108-60-1	
2-Chloronaphthalene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	91-58-7	
2-Chlorophenol	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	95-57-8	
4-Chlorophenylphenyl ether	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	7005-72-3	
Chrysene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	53-70-3	
Dibenzofuran	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	132-64-9	
1,2-Dichlorobenzene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	95-50-1	
1,3-Dichlorobenzene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	541-73-1	
1,4-Dichlorobenzene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	106-46-7	
3,3'-Dichlorobenzidine	ND ug/L		22.5	1	09/13/11 18:00	09/15/11 12:46	91-94-1	
2,4-Dichlorophenol	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	120-83-2	
Diethylphthalate	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	84-66-2	
2,4-Dimethylphenol	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	105-67-9	
Dimethylphthalate	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	131-11-3	
Di-n-butylphthalate	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/L		22.5	1	09/13/11 18:00	09/15/11 12:46	534-52-1	
2,4-Dinitrophenol	ND ug/L		56.2	1	09/13/11 18:00	09/15/11 12:46	51-28-5	
2,4-Dinitrotoluene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	121-14-2	
2,6-Dinitrotoluene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	606-20-2	
Di-n-octylphthalate	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND ug/L		6.7	1	09/13/11 18:00	09/15/11 12:46	117-81-7	
Fluoranthene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	206-44-0	
Fluorene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	86-73-7	
Hexachloro-1,3-butadiene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	87-68-3	
Hexachlorobenzene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	118-74-1	
Hexachlorocyclopentadiene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	77-47-4	
Hexachloroethane	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	193-39-5	
Isophorone	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	78-59-1	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 13 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave., Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: GW-2	Lab ID: 92102073007	Collected: 09/08/11 11:40	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Semivolatile Organic</b>								
1-Methylnaphthalene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	90-12-0	
2-Methylnaphthalene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46		
Naphthalene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	91-20-3	
2-Nitroaniline	ND ug/L		56.2	1	09/13/11 18:00	09/15/11 12:46	88-74-4	
3-Nitroaniline	ND ug/L		56.2	1	09/13/11 18:00	09/15/11 12:46	99-09-2	
4-Nitroaniline	ND ug/L		22.5	1	09/13/11 18:00	09/15/11 12:46	100-01-6	
Nitrobenzene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	98-95-3	
2-Nitrophenol	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	88-75-5	
4-Nitrophenol	ND ug/L		56.2	1	09/13/11 18:00	09/15/11 12:46	100-02-7	
N-Nitrosodimethylamine	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	621-64-7	
N-Nitrosodiphenylamine	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	86-30-6	
Pentachlorophenol	ND ug/L		28.1	1	09/13/11 18:00	09/15/11 12:46	87-86-5	
Phenanthrene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	85-01-8	
Phenol	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	108-95-2	
Pyrene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	129-00-0	
1,2,4-Trichlorobenzene	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	120-82-1	
2,4,5-Trichlorophenol	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	95-95-4	
2,4,6-Trichlorophenol	ND ug/L		11.2	1	09/13/11 18:00	09/15/11 12:46	88-06-2	
Nitrobenzene-d5 (S)	62 %		21-110	1	09/13/11 18:00	09/15/11 12:46	4165-60-0	
2-Fluorobiphenyl (S)	63 %		27-110	1	09/13/11 18:00	09/15/11 12:46	321-60-8	
Terphenyl-d14 (S)	63 %		31-107	1	09/13/11 18:00	09/15/11 12:46	1718-51-0	
Phenol-d6 (S)	28 %		10-110	1	09/13/11 18:00	09/15/11 12:46	13127-88-3	
2-Fluorophenol (S)	41 %		12-110	1	09/13/11 18:00	09/15/11 12:46	367-12-4	
2,4,6-Tribromophenol (S)	69 %		27-110	1	09/13/11 18:00	09/15/11 12:46	118-79-6	
<b>8260 MSV Low Level</b>								
	Analytical Method: EPA 8260							
Acetone	ND ug/L		25.0	1		09/14/11 04:09	67-64-1	
Benzene	ND ug/L		1.0	1		09/14/11 04:09	71-43-2	
Bromobenzene	ND ug/L		1.0	1		09/14/11 04:09	108-86-1	
Bromoform	ND ug/L		1.0	1		09/14/11 04:09	74-97-5	
Bromochloromethane	ND ug/L		1.0	1		09/14/11 04:09	75-27-4	
Bromodichloromethane	ND ug/L		1.0	1		09/14/11 04:09	75-25-2	
Bromoform	ND ug/L		1.0	1		09/14/11 04:09	74-83-9	
2-Butanone (MEK)	ND ug/L		5.0	1		09/14/11 04:09	78-93-3	
Carbon tetrachloride	ND ug/L		1.0	1		09/14/11 04:09	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		09/14/11 04:09	108-90-7	
Chloroethane	ND ug/L		1.0	1		09/14/11 04:09	75-00-3	
Chloroform	ND ug/L		1.0	1		09/14/11 04:09	67-66-3	
Chloromethane	ND ug/L		1.0	1		09/14/11 04:09	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		09/14/11 04:09	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		09/14/11 04:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		09/14/11 04:09	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		09/14/11 04:09	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		09/14/11 04:09	106-93-4	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave., Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: GW-2	Lab ID: 92102073007	Collected: 09/08/11 11:40	Received: 09/10/11 09:30	Matrix: Water				
Parameter	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level								
Dibromomethane	ND ug/L		1.0	1		09/14/11 04:09	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 04:09	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 04:09	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 04:09	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		09/14/11 04:09	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		09/14/11 04:09	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		09/14/11 04:09	107-06-2	
1,1-Dichloroethene	ND ug/L		1.0	1		09/14/11 04:09	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		09/14/11 04:09	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		09/14/11 04:09	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		09/14/11 04:09	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		09/14/11 04:09	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		09/14/11 04:09	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		09/14/11 04:09	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		09/14/11 04:09	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		09/14/11 04:09	10061-02-6	
Diisopropyl ether	ND ug/L		1.0	1		09/14/11 04:09	108-20-3	
Ethylbenzene	ND ug/L		1.0	1		09/14/11 04:09	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		09/14/11 04:09	87-68-3	
2-Hexanone	ND ug/L		5.0	1		09/14/11 04:09	591-78-6	
p-Isopropyltoluene	ND ug/L		1.0	1		09/14/11 04:09	99-87-6	
Methylene Chloride	ND ug/L		2.0	1		09/14/11 04:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1		09/14/11 04:09	108-10-1	
Methyl-tert-butyl ether	ND ug/L		1.0	1		09/14/11 04:09	1634-04-4	
Naphthalene	ND ug/L		1.0	1		09/14/11 04:09	91-20-3	
Styrene	ND ug/L		1.0	1		09/14/11 04:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		09/14/11 04:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		09/14/11 04:09	79-34-5	
Tetrachloroethene	13.8 ug/L		1.0	1		09/14/11 04:09	127-18-4	
Toluene	ND ug/L		1.0	1		09/14/11 04:09	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		09/14/11 04:09	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		09/14/11 04:09	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		09/14/11 04:09	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		09/14/11 04:09	79-00-5	
Trichloroethene	ND ug/L		1.0	1		09/14/11 04:09	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		09/14/11 04:09	75-69-4	
1,2,3-Trichloropropane	ND ug/L		1.0	1		09/14/11 04:09	96-18-4	
Vinyl acetate	ND ug/L		2.0	1		09/14/11 04:09	108-05-4	
Vinyl chloride	ND ug/L		1.0	1		09/14/11 04:09	75-01-4	
m&p-Xylene	ND ug/L		2.0	1		09/14/11 04:09	179601-23-1	
o-Xylene	ND ug/L		1.0	1		09/14/11 04:09	95-47-6	
4-Bromofluorobenzene (S)	101 %		70-130	1		09/14/11 04:09	460-00-4	
Dibromofluoromethane (S)	122 %		70-130	1		09/14/11 04:09	1868-53-7	
1,2-Dichloroethane-d4 (S)	117 %		70-130	1		09/14/11 04:09	17060-07-0	
Toluene-d8 (S)	99 %		70-130	1		09/14/11 04:09	2037-26-5	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.

Page 15 of 74



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: GW-3	Lab ID: 92102073008	Collected: 09/08/11 17:20	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	83-32-9	
Acenaphthylene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	208-96-8	
Aniline	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	62-53-3	
Anthracene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	120-12-7	
Benzo(a)anthracene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	56-55-3	
Benzo(a)pyrene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	50-32-8	
Benzo(b)fluoranthene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	191-24-2	
Benzo(k)fluoranthene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	207-08-9	
Benzoic Acid	ND ug/L		57.5	1	09/13/11 18:00	09/15/11 13:13	65-85-0	
Benzyl alcohol	ND ug/L		23.0	1	09/13/11 18:00	09/15/11 13:13	100-51-6	
4-Bromophenylphenyl ether	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	101-55-3	
Butylbenzylphthalate	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	85-68-7	
4-Chloro-3-methylphenol	ND ug/L		23.0	1	09/13/11 18:00	09/15/11 13:13	59-50-7	
4-Chloroaniline	ND ug/L		23.0	1	09/13/11 18:00	09/15/11 13:13	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	111-91-1	
bis(2-Chloroethyl) ether	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	108-60-1	
2-Chloronaphthalene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	91-58-7	
2-Chlorophenol	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	95-57-8	
4-Chlorophenylphenyl ether	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	7005-72-3	
Chrysene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	53-70-3	
Dibenzofuran	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	132-64-9	
1,2-Dichlorobenzene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	95-50-1	
1,3-Dichlorobenzene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	541-73-1	
1,4-Dichlorobenzene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	106-46-7	
3,3'-Dichlorobenzidine	ND ug/L		23.0	1	09/13/11 18:00	09/15/11 13:13	91-94-1	
2,4-Dichlorophenol	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	120-83-2	
Diethylphthalate	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	84-66-2	
2,4-Dimethylphenol	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	105-67-9	
Dimethylphthalate	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	131-11-3	
Di-n-butylphthalate	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/L		23.0	1	09/13/11 18:00	09/15/11 13:13	534-52-1	
2,4-Dinitrophenol	ND ug/L		57.5	1	09/13/11 18:00	09/15/11 13:13	51-28-5	
2,4-Dinitrotoluene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	121-14-2	
2,6-Dinitrotoluene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	606-20-2	
Di-n-octylphthalate	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND ug/L		6.9	1	09/13/11 18:00	09/15/11 13:13	117-81-7	
Fluoranthene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	206-44-0	
Fluorene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	86-73-7	
Hexachloro-1,3-butadiene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	87-68-3	
Hexachlorobenzene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	118-74-1	
Hexachlorocyclopentadiene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	77-47-4	
Hexachloroethane	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	193-39-5	
Isophorone	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	78-59-1	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

Page 16 of 74

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: GW-3	Lab ID: 92102073008	Collected: 09/08/11 17:20	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Semivolatile Organic</b>	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1-Methylnaphthalene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	90-12-0	
2-Methylnaphthalene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13		
Naphthalene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	91-20-3	
2-Nitroaniline	ND ug/L		57.5	1	09/13/11 18:00	09/15/11 13:13	88-74-4	
3-Nitroaniline	ND ug/L		57.5	1	09/13/11 18:00	09/15/11 13:13	99-09-2	
4-Nitroaniline	ND ug/L		23.0	1	09/13/11 18:00	09/15/11 13:13	100-01-6	
Nitrobenzene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	98-95-3	
2-Nitrophenol	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	88-75-5	
4-Nitrophenol	ND ug/L		57.5	1	09/13/11 18:00	09/15/11 13:13	100-02-7	
N-Nitrosodimethylamine	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	621-64-7	
N-Nitrosodiphenylamine	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	86-30-6	
Pentachlorophenol	ND ug/L		28.7	1	09/13/11 18:00	09/15/11 13:13	87-86-5	
Phenanthrone	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	85-01-8	
Phenol	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	108-95-2	
Pyrene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	129-00-0	
1,2,4-Trichlorobenzene	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	120-82-1	
2,4,5-Trichlorophenol	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	95-95-4	
2,4,6-Trichlorophenol	ND ug/L		11.5	1	09/13/11 18:00	09/15/11 13:13	88-06-2	
Nitrobenzene-d5 (S)	51 %		21-110	1	09/13/11 18:00	09/15/11 13:13	4165-60-0	
2-Fluorobiphenyl (S)	51 %		27-110	1	09/13/11 18:00	09/15/11 13:13	321-60-8	
Terphenyl-d14 (S)	52 %		31-107	1	09/13/11 18:00	09/15/11 13:13	1718-51-0	
Phenol-d6 (S)	23 %		10-110	1	09/13/11 18:00	09/15/11 13:13	13127-88-3	
2-Fluorophenol (S)	26 %		12-110	1	09/13/11 18:00	09/15/11 13:13	367-12-4	
2,4,6-Tribromophenol (S)	16 %		27-110	1	09/13/11 18:00	09/15/11 13:13	118-79-6	S0
<b>8260 MSV Low Level</b>	Analytical Method: EPA 8260							
Acetone	ND ug/L		25.0	1		09/14/11 04:34	67-64-1	
Benzene	ND ug/L		1.0	1		09/14/11 04:34	71-43-2	
Bromobenzene	ND ug/L		1.0	1		09/14/11 04:34	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		09/14/11 04:34	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		09/14/11 04:34	75-27-4	
Bromoform	ND ug/L		1.0	1		09/14/11 04:34	75-25-2	
Bromomethane	ND ug/L		2.0	1		09/14/11 04:34	74-83-9	
2-Butanone (MEK)	ND ug/L		5.0	1		09/14/11 04:34	78-93-3	
Carbon tetrachloride	ND ug/L		1.0	1		09/14/11 04:34	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		09/14/11 04:34	108-90-7	
Chloroethane	ND ug/L		1.0	1		09/14/11 04:34	75-00-3	
Chloroform	ND ug/L		1.0	1		09/14/11 04:34	67-66-3	
Chloromethane	ND ug/L		1.0	1		09/14/11 04:34	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		09/14/11 04:34	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		09/14/11 04:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		09/14/11 04:34	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		09/14/11 04:34	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		09/14/11 04:34	106-93-4	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 17 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: GW-3	Lab ID: 92102073008	Collected: 09/08/11 17:20	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Dibromomethane	ND ug/L		1.0	1		09/14/11 04:34	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 04:34	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 04:34	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 04:34	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		09/14/11 04:34	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		09/14/11 04:34	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		09/14/11 04:34	107-06-2	
1,1-Dichloroethene	ND ug/L		1.0	1		09/14/11 04:34	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		09/14/11 04:34	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		09/14/11 04:34	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		09/14/11 04:34	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		09/14/11 04:34	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		09/14/11 04:34	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		09/14/11 04:34	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		09/14/11 04:34	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		09/14/11 04:34	10061-02-6	
Diisopropyl ether	ND ug/L		1.0	1		09/14/11 04:34	108-20-3	
Ethylbenzene	ND ug/L		1.0	1		09/14/11 04:34	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		09/14/11 04:34	87-68-3	
2-Hexanone	ND ug/L		5.0	1		09/14/11 04:34	591-78-6	
p-Isopropyltoluene	ND ug/L		1.0	1		09/14/11 04:34	99-87-6	
Methylene Chloride	ND ug/L		2.0	1		09/14/11 04:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1		09/14/11 04:34	108-10-1	
Methyl-tert-butyl ether	ND ug/L		1.0	1		09/14/11 04:34	1634-04-4	
Naphthalene	ND ug/L		1.0	1		09/14/11 04:34	91-20-3	
Styrene	ND ug/L		1.0	1		09/14/11 04:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		09/14/11 04:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		09/14/11 04:34	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		09/14/11 04:34	127-18-4	
Toluene	ND ug/L		1.0	1		09/14/11 04:34	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		09/14/11 04:34	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		09/14/11 04:34	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		09/14/11 04:34	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		09/14/11 04:34	79-00-5	
Trichloroethene	ND ug/L		1.0	1		09/14/11 04:34	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		09/14/11 04:34	75-69-4	
1,2,3-Trichloropropane	ND ug/L		1.0	1		09/14/11 04:34	96-18-4	
Vinyl acetate	ND ug/L		2.0	1		09/14/11 04:34	108-05-4	
Vinyl chloride	ND ug/L		1.0	1		09/14/11 04:34	75-01-4	
m&p-Xylene	ND ug/L		2.0	1		09/14/11 04:34	179601-23-1	
o-Xylene	ND ug/L		1.0	1		09/14/11 04:34	95-47-6	
4-Bromofluorobenzene (S)	98 %		70-130	1		09/14/11 04:34	460-00-4	
Dibromofluoromethane (S)	117 %		70-130	1		09/14/11 04:34	1868-53-7	
1,2-Dichloroethane-d4 (S)	115 %		70-130	1		09/14/11 04:34	17060-07-0	
Toluene-d8 (S)	101 %		70-130	1		09/14/11 04:34	2037-26-5	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 18 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: GW-4	Lab ID: 92102073009	Collected: 09/08/11 17:40	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	83-32-9	
Acenaphthylene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	208-96-8	
Aniline	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	62-53-3	
Anthracene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	120-12-7	
Benzo(a)anthracene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	56-55-3	
Benzo(a)pyrene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	50-32-8	
Benzo(b)fluoranthene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	191-24-2	
Benzo(k)fluoranthene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	207-08-9	
Benzoic Acid	ND ug/L		56.8	1	09/13/11 18:00	09/15/11 13:41	65-85-0	
Benzyl alcohol	ND ug/L		22.7	1	09/13/11 18:00	09/15/11 13:41	100-51-6	
4-Bromophenylphenyl ether	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	101-55-3	
Butylbenzylphthalate	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	85-68-7	
4-Chloro-3-methylphenol	ND ug/L		22.7	1	09/13/11 18:00	09/15/11 13:41	59-50-7	
4-Chloroaniline	ND ug/L		22.7	1	09/13/11 18:00	09/15/11 13:41	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	111-91-1	
bis(2-Chloroethyl) ether	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	108-60-1	
2-Chloronaphthalene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	91-58-7	
2-Chlorophenol	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	95-57-8	
4-Chlorophenylphenyl ether	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	7005-72-3	
Chrysene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	53-70-3	
Dibenzo furan	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	132-64-9	
1,2-Dichlorobenzene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	95-50-1	
1,3-Dichlorobenzene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	541-73-1	
1,4-Dichlorobenzene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	106-46-7	
3,3'-Dichlorobenzidine	ND ug/L		22.7	1	09/13/11 18:00	09/15/11 13:41	91-94-1	
2,4-Dichlorophenol	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	120-83-2	
Diethylphthalate	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	84-66-2	
2,4-Dimethylphenol	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	105-67-9	
Dimethylphthalate	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	131-11-3	
Di-n-butylphthalate	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/L		22.7	1	09/13/11 18:00	09/15/11 13:41	534-52-1	
2,4-Dinitrophenol	ND ug/L		56.8	1	09/13/11 18:00	09/15/11 13:41	51-28-5	
2,4-Dinitrotoluene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	121-14-2	
2,6-Dinitrotoluene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	606-20-2	
Di-n-octylphthalate	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	117-84-0	
bis(2-Ethylhexyl)phthalate	ND ug/L		6.8	1	09/13/11 18:00	09/15/11 13:41	117-81-7	
Fluoranthene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	206-44-0	
Fluorene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	86-73-7	
Hexachloro-1,3-butadiene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	87-68-3	
Hexachlorobenzene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	118-74-1	
Hexachlorocyclopentadiene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	77-47-4	
Hexachloroethane	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	193-39-5	
Isophorone	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	78-59-1	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 19 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: GW-4	Lab ID: 92102073009	Collected: 09/08/11 17:40	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1-Methylnaphthalene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	90-12-0	
2-Methylnaphthalene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41		
Naphthalene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	91-20-3	
2-Nitroaniline	ND ug/L		56.8	1	09/13/11 18:00	09/15/11 13:41	88-74-4	
3-Nitroaniline	ND ug/L		56.8	1	09/13/11 18:00	09/15/11 13:41	99-09-2	
4-Nitroaniline	ND ug/L		22.7	1	09/13/11 18:00	09/15/11 13:41	100-01-6	
Nitrobenzene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	98-95-3	
2-Nitrophenol	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	88-75-5	
4-Nitrophenol	ND ug/L		56.8	1	09/13/11 18:00	09/15/11 13:41	100-02-7	
N-Nitrosodimethylamine	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	621-64-7	
N-Nitrosodiphenylamine	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	86-30-6	
Pentachlorophenol	ND ug/L		28.4	1	09/13/11 18:00	09/15/11 13:41	87-86-5	
Phenanthrene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	85-01-8	
Phenol	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	108-95-2	
Pyrene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	129-00-0	
1,2,4-Trichlorobenzene	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	120-82-1	
2,4,5-Trichlorophenol	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	95-95-4	
2,4,6-Trichlorophenol	ND ug/L		11.4	1	09/13/11 18:00	09/15/11 13:41	88-06-2	
Nitrobenzene-d5 (S)	49 %		21-110	1	09/13/11 18:00	09/15/11 13:41	4165-60-0	
2-Fluorobiphenyl (S)	50 %		27-110	1	09/13/11 18:00	09/15/11 13:41	321-60-8	
Terphenyl-d14 (S)	54 %		31-107	1	09/13/11 18:00	09/15/11 13:41	1718-51-0	
Phenol-d6 (S)	24 %		10-110	1	09/13/11 18:00	09/15/11 13:41	13127-88-3	
2-Fluorophenol (S)	33 %		12-110	1	09/13/11 18:00	09/15/11 13:41	367-12-4	
2,4,6-Tribromophenol (S)	41 %		27-110	1	09/13/11 18:00	09/15/11 13:41	118-79-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND ug/L		25.0	1		09/14/11 05:00	67-64-1	
Benzene	ND ug/L		1.0	1		09/14/11 05:00	71-43-2	
Bromobenzene	ND ug/L		1.0	1		09/14/11 05:00	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		09/14/11 05:00	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		09/14/11 05:00	75-27-4	
Bromoform	ND ug/L		1.0	1		09/14/11 05:00	75-25-2	
Bromomethane	ND ug/L		2.0	1		09/14/11 05:00	74-83-9	
2-Butanone (MEK)	ND ug/L		5.0	1		09/14/11 05:00	78-93-3	
Carbon tetrachloride	ND ug/L		1.0	1		09/14/11 05:00	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		09/14/11 05:00	108-90-7	
Chloroethane	ND ug/L		1.0	1		09/14/11 05:00	75-00-3	
Chloroform	ND ug/L		1.0	1		09/14/11 05:00	67-66-3	
Chloromethane	ND ug/L		1.0	1		09/14/11 05:00	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		09/14/11 05:00	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		09/14/11 05:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		09/14/11 05:00	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		09/14/11 05:00	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		09/14/11 05:00	106-93-4	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 20 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: GW-4	Lab ID: 92102073009	Collected: 09/08/11 17:40	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Dibromomethane	ND ug/L		1.0	1		09/14/11 05:00	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 05:00	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 05:00	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 05:00	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		09/14/11 05:00	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		09/14/11 05:00	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		09/14/11 05:00	107-06-2	
1,1-Dichloroethene	ND ug/L		1.0	1		09/14/11 05:00	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		09/14/11 05:00	156-59-2	
trans-1,2-Dichloroethene	ND ug/L		1.0	1		09/14/11 05:00	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		09/14/11 05:00	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		09/14/11 05:00	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		09/14/11 05:00	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		09/14/11 05:00	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		09/14/11 05:00	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		09/14/11 05:00	10061-02-6	
Diisopropyl ether	ND ug/L		1.0	1		09/14/11 05:00	108-20-3	
Ethylbenzene	ND ug/L		1.0	1		09/14/11 05:00	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		09/14/11 05:00	87-68-3	
2-Hexanone	ND ug/L		5.0	1		09/14/11 05:00	591-78-6	
p-Isopropyltoluene	ND ug/L		1.0	1		09/14/11 05:00	99-87-6	
Methylene Chloride	ND ug/L		2.0	1		09/14/11 05:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1		09/14/11 05:00	108-10-1	
Methyl-tert-butyl ether	ND ug/L		1.0	1		09/14/11 05:00	1634-04-4	
Naphthalene	ND ug/L		1.0	1		09/14/11 05:00	91-20-3	
Styrene	ND ug/L		1.0	1		09/14/11 05:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		09/14/11 05:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		09/14/11 05:00	79-34-5	
Tetrachloroethene	ND ug/L		1.0	1		09/14/11 05:00	127-18-4	
Toluene	ND ug/L		1.0	1		09/14/11 05:00	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		09/14/11 05:00	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		09/14/11 05:00	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		09/14/11 05:00	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		09/14/11 05:00	79-00-5	
Trichloroethene	ND ug/L		1.0	1		09/14/11 05:00	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		09/14/11 05:00	75-69-4	
1,2,3-Trichloropropane	ND ug/L		1.0	1		09/14/11 05:00	96-18-4	
Vinyl acetate	ND ug/L		2.0	1		09/14/11 05:00	108-05-4	
Vinyl chloride	ND ug/L		1.0	1		09/14/11 05:00	75-01-4	
m&p-Xylene	ND ug/L		2.0	1		09/14/11 05:00	179601-23-1	
o-Xylene	ND ug/L		1.0	1		09/14/11 05:00	95-47-6	
4-Bromofluorobenzene (S)	99 %		70-130	1		09/14/11 05:00	460-00-4	
Dibromofluoromethane (S)	120 %		70-130	1		09/14/11 05:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	117 %		70-130	1		09/14/11 05:00	17060-07-0	
Toluene-d8 (S)	102 %		70-130	1		09/14/11 05:00	2037-26-5	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 21 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: GW-5	Lab ID: 92102073010	Collected: 09/08/11 18:10	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	83-32-9	
Acenaphthylene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	208-96-8	
Aniline	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	62-53-3	
Anthracene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	120-12-7	
Benzo(a)anthracene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	56-55-3	
Benzo(a)pyrene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	50-32-8	
Benzo(b)fluoranthene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	205-99-2	
Benzo(g,h,i)perylene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	191-24-2	
Benzo(k)fluoranthene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	207-08-9	
Benzoic Acid	ND ug/L		52.1	1	09/13/11 18:00	09/15/11 14:09	65-85-0	
Benzyl alcohol	ND ug/L		20.8	1	09/13/11 18:00	09/15/11 14:09	100-51-6	
4-Bromophenylphenyl ether	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	101-55-3	
Butylbenzylphthalate	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	85-68-7	
4-Chloro-3-methylphenol	ND ug/L		20.8	1	09/13/11 18:00	09/15/11 14:09	59-50-7	
4-Chloroaniline	ND ug/L		20.8	1	09/13/11 18:00	09/15/11 14:09	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	111-91-1	
bis(2-Chloroethyl) ether	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	108-60-1	
2-Chloronaphthalene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	91-58-7	
2-Chlorophenol	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	95-57-8	
4-Chlorophenylphenyl ether	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	7005-72-3	
Chrysene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	218-01-9	
Dibenz(a,h)anthracene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	53-70-3	
Dibenzofuran	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	132-64-9	
1,2-Dichlorobenzene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	95-50-1	
1,3-Dichlorobenzene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	541-73-1	
1,4-Dichlorobenzene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	106-46-7	
3,3'-Dichlorobenzidine	ND ug/L		20.8	1	09/13/11 18:00	09/15/11 14:09	91-94-1	
2,4-Dichlorophenol	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	120-83-2	
Diethylphthalate	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	84-66-2	
2,4-Dimethylphenol	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	105-67-9	
Dimethylphthalate	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	131-11-3	
Di-n-butylphthalate	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/L		20.8	1	09/13/11 18:00	09/15/11 14:09	534-52-1	
2,4-Dinitrophenol	ND ug/L		52.1	1	09/13/11 18:00	09/15/11 14:09	51-28-5	
2,4-Dinitrotoluene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	121-14-2	
2,6-Dinitrotoluene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	606-20-2	
Di-n-octylphthalate	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	117-84-0	
bis(2-Ethylhexyl)phthalate	ND ug/L		6.3	1	09/13/11 18:00	09/15/11 14:09	117-81-7	
Fluoranthene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	206-44-0	
Fluorene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	86-73-7	
Hexachloro-1,3-butadiene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	87-68-3	
Hexachlorobenzene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	118-74-1	
Hexachlorocyclopentadiene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	77-47-4	
Hexachloroethane	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	193-39-5	
Isophorone	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	78-59-1	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 22 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: GW-5	Lab ID: 92102073010	Collected: 09/08/11 18:10	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1-Methylnaphthalene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	90-12-0	
2-Methylnaphthalene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09		
Naphthalene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	91-20-3	
2-Nitroaniline	ND ug/L		52.1	1	09/13/11 18:00	09/15/11 14:09	88-74-4	
3-Nitroaniline	ND ug/L		52.1	1	09/13/11 18:00	09/15/11 14:09	99-09-2	
4-Nitroaniline	ND ug/L		20.8	1	09/13/11 18:00	09/15/11 14:09	100-01-6	
Nitrobenzene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	98-95-3	
2-Nitrophenol	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	88-75-5	
4-Nitrophenol	ND ug/L		52.1	1	09/13/11 18:00	09/15/11 14:09	100-02-7	
N-Nitrosodimethylamine	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	621-64-7	
N-Nitrosodiphenylamine	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	86-30-6	
Pentachlorophenol	ND ug/L		26.0	1	09/13/11 18:00	09/15/11 14:09	87-86-5	
Phenanthrene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	85-01-8	
Phenol	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	108-95-2	
Pyrene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	129-00-0	
1,2,4-Trichlorobenzene	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	120-82-1	
2,4,5-Trichlorophenol	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	95-95-4	
2,4,6-Trichlorophenol	ND ug/L		10.4	1	09/13/11 18:00	09/15/11 14:09	88-06-2	
Nitrobenzene-d5 (S)	57 %		21-110	1	09/13/11 18:00	09/15/11 14:09	4165-60-0	
2-Fluorobiphenyl (S)	57 %		27-110	1	09/13/11 18:00	09/15/11 14:09	321-60-8	
Terphenyl-d14 (S)	56 %		31-107	1	09/13/11 18:00	09/15/11 14:09	1718-51-0	
Phenol-d6 (S)	20 %		10-110	1	09/13/11 18:00	09/15/11 14:09	13127-88-3	
2-Fluorophenol (S)	13 %		12-110	1	09/13/11 18:00	09/15/11 14:09	367-12-4	
2,4,6-Tribromophenol (S)	7 %		27-110	1	09/13/11 18:00	09/15/11 14:09	118-79-6	S0
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND ug/L		25.0	1		09/14/11 05:25	67-64-1	
Benzene	ND ug/L		1.0	1		09/14/11 05:25	71-43-2	
Bromobenzene	ND ug/L		1.0	1		09/14/11 05:25	108-86-1	
Bromochloromethane	ND ug/L		1.0	1		09/14/11 05:25	74-97-5	
Bromodichloromethane	ND ug/L		1.0	1		09/14/11 05:25	75-27-4	
Bromoform	ND ug/L		1.0	1		09/14/11 05:25	75-25-2	
Bromomethane	ND ug/L		2.0	1		09/14/11 05:25	74-83-9	
2-Butanone (MEK)	ND ug/L		5.0	1		09/14/11 05:25	78-93-3	
Carbon tetrachloride	ND ug/L		1.0	1		09/14/11 05:25	56-23-5	
Chlorobenzene	ND ug/L		1.0	1		09/14/11 05:25	108-90-7	
Chloroethane	ND ug/L		1.0	1		09/14/11 05:25	75-00-3	
Chloroform	ND ug/L		1.0	1		09/14/11 05:25	67-66-3	
Chloromethane	ND ug/L		1.0	1		09/14/11 05:25	74-87-3	
2-Chlorotoluene	ND ug/L		1.0	1		09/14/11 05:25	95-49-8	
4-Chlorotoluene	ND ug/L		1.0	1		09/14/11 05:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/L		5.0	1		09/14/11 05:25	96-12-8	
Dibromochloromethane	ND ug/L		1.0	1		09/14/11 05:25	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/L		1.0	1		09/14/11 05:25	106-93-4	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 23 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: GW-5	Lab ID: 92102073010	Collected: 09/08/11 18:10	Received: 09/10/11 09:30	Matrix: Water				
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level		Analytical Method: EPA 8260						
Dibromomethane	ND ug/L		1.0	1		09/14/11 05:25	74-95-3	
1,2-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 05:25	95-50-1	
1,3-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 05:25	541-73-1	
1,4-Dichlorobenzene	ND ug/L		1.0	1		09/14/11 05:25	106-46-7	
Dichlorodifluoromethane	ND ug/L		1.0	1		09/14/11 05:25	75-71-8	
1,1-Dichloroethane	ND ug/L		1.0	1		09/14/11 05:25	75-34-3	
1,2-Dichloroethane	ND ug/L		1.0	1		09/14/11 05:25	107-06-2	
1,1-Dichloroethene	ND ug/L		1.0	1		09/14/11 05:25	75-35-4	
cis-1,2-Dichloroethene	ND ug/L		1.0	1		09/14/11 05:25	156-59-2	
trans-1,2-Dichloroethylene	ND ug/L		1.0	1		09/14/11 05:25	156-60-5	
1,2-Dichloropropane	ND ug/L		1.0	1		09/14/11 05:25	78-87-5	
1,3-Dichloropropane	ND ug/L		1.0	1		09/14/11 05:25	142-28-9	
2,2-Dichloropropane	ND ug/L		1.0	1		09/14/11 05:25	594-20-7	
1,1-Dichloropropene	ND ug/L		1.0	1		09/14/11 05:25	563-58-6	
cis-1,3-Dichloropropene	ND ug/L		1.0	1		09/14/11 05:25	10061-01-5	
trans-1,3-Dichloropropene	ND ug/L		1.0	1		09/14/11 05:25	10061-02-6	
Diisopropyl ether	ND ug/L		1.0	1		09/14/11 05:25	108-20-3	
Ethylbenzene	ND ug/L		1.0	1		09/14/11 05:25	100-41-4	
Hexachloro-1,3-butadiene	ND ug/L		1.0	1		09/14/11 05:25	87-68-3	
2-Hexanone	ND ug/L		5.0	1		09/14/11 05:25	591-78-6	
p-Isopropyltoluene	ND ug/L		1.0	1		09/14/11 05:25	99-87-6	
Methylene Chloride	ND ug/L		2.0	1		09/14/11 05:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/L		5.0	1		09/14/11 05:25	108-10-1	
Methyl-tert-butyl ether	ND ug/L		1.0	1		09/14/11 05:25	1634-04-4	
Naphthalene	ND ug/L		1.0	1		09/14/11 05:25	91-20-3	
Styrene	ND ug/L		1.0	1		09/14/11 05:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/L		1.0	1		09/14/11 05:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/L		1.0	1		09/14/11 05:25	79-34-5	
Tetrachloroethylene	1.1 ug/L		1.0	1		09/14/11 05:25	127-18-4	
Toluene	ND ug/L		1.0	1		09/14/11 05:25	108-88-3	
1,2,3-Trichlorobenzene	ND ug/L		1.0	1		09/14/11 05:25	87-61-6	
1,2,4-Trichlorobenzene	ND ug/L		1.0	1		09/14/11 05:25	120-82-1	
1,1,1-Trichloroethane	ND ug/L		1.0	1		09/14/11 05:25	71-55-6	
1,1,2-Trichloroethane	ND ug/L		1.0	1		09/14/11 05:25	79-00-5	
Trichloroethylene	ND ug/L		1.0	1		09/14/11 05:25	79-01-6	
Trichlorofluoromethane	ND ug/L		1.0	1		09/14/11 05:25	75-69-4	
1,2,3-Trichloropropane	ND ug/L		1.0	1		09/14/11 05:25	96-18-4	
Vinyl acetate	ND ug/L		2.0	1		09/14/11 05:25	108-05-4	
Vinyl chloride	ND ug/L		1.0	1		09/14/11 05:25	75-01-4	
m&p-Xylene	ND ug/L		2.0	1		09/14/11 05:25	179601-23-1	
o-Xylene	ND ug/L		1.0	1		09/14/11 05:25	95-47-6	
4-Bromofluorobenzene (S)	100 %		70-130	1		09/14/11 05:25	460-00-4	
Dibromofluoromethane (S)	119 %		70-130	1		09/14/11 05:25	1868-53-7	
1,2-Dichloroethane-d4 (S)	118 %		70-130	1		09/14/11 05:25	17060-07-0	
Toluene-d8 (S)	101 %		70-130	1		09/14/11 05:25	2037-26-5	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SOIL PILE Lab ID: 92102073011 Collected: 09/08/11 11:50 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8015 GCS THC-Diesel</b> Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	3160 mg/kg		110	20	09/12/11 14:13	09/14/11 12:30	68334-30-5	
n-Pentacosane (S)	0 %		41-119	20	09/12/11 14:13	09/14/11 12:30	629-99-2	S4
<b>9071 Oil and Grease</b> Analytical Method: 9071B Preparation Method: 9071B								
Oil and Grease	6580 mg/kg		76.9	1	09/15/11 08:23	09/15/11 08:48		
<b>9071 SGT-HEM, TPH</b> Analytical Method: 9071B Preparation Method: 9071B								
Total Petroleum Hydrocarbons	4220 mg/kg		76.9	1	09/15/11 08:39	09/15/11 09:02		
<b>Gasoline Range Organics</b> Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	21.0 mg/kg		7.6	1	09/12/11 14:23	09/14/11 14:53	8006-61-9	
4-Bromofluorobenzene (S)	111 %		70-167	1	09/12/11 14:23	09/14/11 14:53	460-00-4	
<b>6010 MET ICP, TCLP</b> Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 09/13/11 16:30							
Arsenic	ND mg/L		0.025	1	09/14/11 11:20	09/14/11 19:53	7440-38-2	
Barium	0.51 mg/L		0.50	1	09/14/11 11:20	09/14/11 19:53	7440-39-3	
Cadmium	ND mg/L		0.0050	1	09/14/11 11:20	09/14/11 19:53	7440-43-9	
Chromium	ND mg/L		0.025	1	09/14/11 11:20	09/14/11 19:53	7440-47-3	
Lead	ND mg/L		0.025	1	09/14/11 11:20	09/14/11 19:53	7439-92-1	
Selenium	ND mg/L		0.10	1	09/14/11 11:20	09/14/11 19:53	7782-49-2	
Silver	ND mg/L		0.025	1	09/14/11 11:20	09/14/11 19:53	7440-22-4	
<b>7470 Mercury, TCLP</b> Analytical Method: EPA 7470 Preparation Method: EPA 7470								
	Leachate Method/Date: EPA 1311; 09/13/11 16:30							
Mercury	ND ug/L		0.20	1	09/14/11 12:15	09/14/11 16:17	7439-97-6	
<b>Percent Moisture</b> Analytical Method: ASTM D2974-87								
Percent Moisture	9.0 %		0.10	1			09/12/11 14:03	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 25 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinsey Ave, Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: SW-1 Lab ID: 92102073012 Collected: 09/08/11 15:30 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Microwave</b> Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	83-32-9	
Acenaphthylene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	208-96-8	
Aniline	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	62-53-3	
Anthracene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	120-12-7	
Benzo(a)anthracene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	56-55-3	
Benzo(a)pyrene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	207-08-9	
Benzoic Acid	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:13	65-85-0	
Benzyl alcohol	ND ug/kg		704	1	09/12/11 17:45	09/14/11 18:13	100-51-6	
4-Bromophenylphenyl ether	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	101-55-3	
Butylbenzylphthalate	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		704	1	09/12/11 17:45	09/14/11 18:13	59-50-7	
4-Chloroaniline	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:13	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	108-60-1	
2-Chloronaphthalene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	91-58-7	
2-Chlorophenol	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	7005-72-3	
Chrysene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	53-70-3	
Dibenzofuran	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	132-64-9	
1,2-Dichlorobenzene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	106-46-7	
3,3'-Dichlorobenzidine	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:13	91-94-1	
2,4-Dichlorophenol	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	120-83-2	
Diethylphthalate	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	84-66-2	
2,4-Dimethylphenol	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	105-67-9	
Dimethylphthalate	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	131-11-3	
Di-n-butylphthalate	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/kg		704	1	09/12/11 17:45	09/14/11 18:13	534-52-1	
2,4-Dinitrophenol	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:13	51-28-5	
2,4-Dinitrotoluene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	121-14-2	
2,6-Dinitrotoluene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	606-20-2	
Di-n-octylphthalate	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	117-84-0	
bis(2-Ethylhexyl)phthalate	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	117-81-7	
Fluoranthene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	206-44-0	
Fluorene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	86-73-7	
Hexachloro-1,3-butadiene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	87-68-3	
Hexachlorobenzene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	118-74-1	
Hexachlorocyclopentadiene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	77-47-4	
Hexachloroethane	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	193-39-5	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 26 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SW-1 Lab ID: 92102073012 Collected: 09/08/11 15:30 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Microwave</b>		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
Isophorone	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	78-59-1	
1-MethylNaphthalene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	90-12-0	
2-MethylNaphthalene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13		
Naphthalene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	91-20-3	
2-Nitroaniline	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:13	88-74-4	
3-Nitroaniline	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:13	99-09-2	
4-Nitroaniline	ND ug/kg		704	1	09/12/11 17:45	09/14/11 18:13	100-01-6	
Nitrobenzene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	98-95-3	
2-Nitrophenol	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	88-75-5	
4-Nitrophenol	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:13	100-02-7	
N-Nitrosodimethylamine	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	621-64-7	
N-Nitrosodiphenylamine	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	86-30-6	
Pentachlorophenol	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:13	87-86-5	
Phenanthrene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	85-01-8	
Phenol	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	108-95-2	
Pyrene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	129-00-0	
1,2,4-Trichlorobenzene	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	120-82-1	
2,4,5-Trichlorophenol	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	95-95-4	
2,4,6-Trichlorophenol	ND ug/kg		352	1	09/12/11 17:45	09/14/11 18:13	88-06-2	
Nitrobenzene-d5 (S)	51 %		23-110	1	09/12/11 17:45	09/14/11 18:13	4165-60-0	
2-Fluorobiphenyl (S)	53 %		30-110	1	09/12/11 17:45	09/14/11 18:13	321-60-8	
Terphenyl-d14 (S)	58 %		28-110	1	09/12/11 17:45	09/14/11 18:13	1718-51-0	
Phenol-d6 (S)	52 %		22-110	1	09/12/11 17:45	09/14/11 18:13	13127-88-3	
2-Fluorophenol (S)	52 %		13-110	1	09/12/11 17:45	09/14/11 18:13	367-12-4	
2,4,6-Tribromophenol (S)	57 %		27-110	1	09/12/11 17:45	09/14/11 18:13	118-79-6	
<b>8260/5035A Volatile Organics</b>		Analytical Method: EPA 8260						
Acetone	ND ug/kg		100	1		09/12/11 14:40	67-64-1	
Benzene	ND ug/kg		5.0	1		09/12/11 14:40	71-43-2	
Bromobenzene	ND ug/kg		5.0	1		09/12/11 14:40	108-86-1	
Bromochloromethane	ND ug/kg		5.0	1		09/12/11 14:40	74-97-5	
Bromodichloromethane	ND ug/kg		5.0	1		09/12/11 14:40	75-27-4	
Bromoform	ND ug/kg		5.0	1		09/12/11 14:40	75-25-2	
Bromomethane	ND ug/kg		10.0	1		09/12/11 14:40	74-83-9	
2-Butanone (MEK)	ND ug/kg		100	1		09/12/11 14:40	78-93-3	
n-Butylbenzene	ND ug/kg		5.0	1		09/12/11 14:40	104-51-8	
sec-Butylbenzene	ND ug/kg		5.0	1		09/12/11 14:40	135-98-8	
tert-Butylbenzene	ND ug/kg		5.0	1		09/12/11 14:40	98-06-6	
Carbon tetrachloride	ND ug/kg		5.0	1		09/12/11 14:40	56-23-5	
Chlorobenzene	ND ug/kg		5.0	1		09/12/11 14:40	108-90-7	
Chloroethane	ND ug/kg		10.0	1		09/12/11 14:40	75-00-3	
Chloroform	ND ug/kg		5.0	1		09/12/11 14:40	67-66-3	
Chloromethane	ND ug/kg		10.0	1		09/12/11 14:40	74-87-3	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

Page 27 of 74



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: SW-1 Lab ID: 92102073012 Collected: 09/08/11 15:30 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics Analytical Method: EPA 8260								
2-Chlorotoluene	ND ug/kg		5.0	1		09/12/11 14:40	95-49-8	
4-Chlorotoluene	ND ug/kg		5.0	1		09/12/11 14:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		5.0	1		09/12/11 14:40	96-12-8	
Dibromochloromethane	ND ug/kg		5.0	1		09/12/11 14:40	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		5.0	1		09/12/11 14:40	106-93-4	
Dibromomethane	ND ug/kg		5.0	1		09/12/11 14:40	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		5.0	1		09/12/11 14:40	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		5.0	1		09/12/11 14:40	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		5.0	1		09/12/11 14:40	106-46-7	
Dichlorodifluoromethane	ND ug/kg		10.0	1		09/12/11 14:40	75-71-8	
1,1-Dichloroethane	ND ug/kg		5.0	1		09/12/11 14:40	75-34-3	
1,2-Dichloroethane	ND ug/kg		5.0	1		09/12/11 14:40	107-06-2	
1,1-Dichloroethene	ND ug/kg		5.0	1		09/12/11 14:40	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		5.0	1		09/12/11 14:40	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		5.0	1		09/12/11 14:40	156-60-5	
1,2-Dichloropropane	ND ug/kg		5.0	1		09/12/11 14:40	78-87-5	
1,3-Dichloropropane	ND ug/kg		5.0	1		09/12/11 14:40	142-28-9	
2,2-Dichloropropane	ND ug/kg		5.0	1		09/12/11 14:40	594-20-7	
1,1-Dichloropropene	ND ug/kg		5.0	1		09/12/11 14:40	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		5.0	1		09/12/11 14:40	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		5.0	1		09/12/11 14:40	10061-02-6	
Diisopropyl ether	ND ug/kg		5.0	1		09/12/11 14:40	108-20-3	
Ethylbenzene	ND ug/kg		5.0	1		09/12/11 14:40	100-41-4	
Hexachloro-1,3-butadiene	ND ug/kg		5.0	1		09/12/11 14:40	87-68-3	
2-Hexanone	ND ug/kg		50.0	1		09/12/11 14:40	591-78-6	
Isopropylbenzene (Cumene)	ND ug/kg		5.0	1		09/12/11 14:40	98-82-8	
p-Isopropyltoluene	ND ug/kg		5.0	1		09/12/11 14:40	99-87-6	
Methylene Chloride	ND ug/kg		20.0	1		09/12/11 14:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		50.0	1		09/12/11 14:40	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		5.0	1		09/12/11 14:40	1634-04-4	
Naphthalene	ND ug/kg		5.0	1		09/12/11 14:40	91-20-3	
n-Propylbenzene	ND ug/kg		5.0	1		09/12/11 14:40	103-65-1	
Styrene	ND ug/kg		5.0	1		09/12/11 14:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		5.0	1		09/12/11 14:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		5.0	1		09/12/11 14:40	79-34-5	
Tetrachloroethene	ND ug/kg		5.0	1		09/12/11 14:40	127-18-4	
Toluene	ND ug/kg		5.0	1		09/12/11 14:40	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		5.0	1		09/12/11 14:40	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		5.0	1		09/12/11 14:40	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		5.0	1		09/12/11 14:40	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		5.0	1		09/12/11 14:40	79-00-5	
Trichloroethene	ND ug/kg		5.0	1		09/12/11 14:40	79-01-6	
Trichlorofluoromethane	ND ug/kg		5.0	1		09/12/11 14:40	75-69-4	
1,2,3-Trichloropropane	ND ug/kg		5.0	1		09/12/11 14:40	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		5.0	1		09/12/11 14:40	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		5.0	1		09/12/11 14:40	108-67-8	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 28 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave., Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SW-1 Lab ID: 92102073012 Collected: 09/08/11 15:30 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Vinyl acetate	ND ug/kg		50.0	1		09/12/11 14:40	108-05-4	
Vinyl chloride	ND ug/kg		10.0	1		09/12/11 14:40	75-01-4	
Xylene (Total)	ND ug/kg		10.0	1		09/12/11 14:40	1330-20-7	
m&p-Xylene	ND ug/kg		10.0	1		09/12/11 14:40	179601-23-1	
o-Xylene	ND ug/kg		5.0	1		09/12/11 14:40	95-47-6	
Dibromofluoromethane (S)	111 %		70-130	1		09/12/11 14:40	1868-53-7	
Toluene-d8 (S)	101 %		70-130	1		09/12/11 14:40	2037-26-5	
4-Bromofluorobenzene (S)	90 %		70-130	1		09/12/11 14:40	460-00-4	
1,2-Dichloroethane-d4 (S)	113 %		70-132	1		09/12/11 14:40	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	6.2 %		0.10	1		09/12/11 14:03		

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

Page 29 of 74



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: SW-2 Lab ID: 92102073013 Collected: 09/08/11 15:35 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave								
Acenaphthene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	83-32-9	
Acenaphthylene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	208-96-8	
Aniline	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	62-53-3	
Anthracene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	120-12-7	
Benzo(a)anthracene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	56-55-3	
Benzo(a)pyrene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	207-08-9	
Benzoic Acid	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:46	65-85-0	
Benzyl alcohol	ND ug/kg		702	1	09/12/11 17:45	09/14/11 18:46	100-51-6	
4-Bromophenylphenyl ether	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	101-55-3	
Butylbenzylphthalate	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		702	1	09/12/11 17:45	09/14/11 18:46	59-50-7	
4-Chloroaniline	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:46	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	108-60-1	
2-Chloronaphthalene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	91-58-7	
2-Chlorophenol	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	7005-72-3	
Chrysene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	53-70-3	
Dibenzofuran	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	132-64-9	
1,2-Dichlorobenzene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	106-46-7	
3,3'-Dichlorobenzidine	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:46	91-94-1	
2,4-Dichlorophenol	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	120-83-2	
Diethylphthalate	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	84-66-2	
2,4-Dimethylphenol	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	105-67-9	
Dimethylphthalate	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	131-11-3	
Di-n-butylphthalate	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/kg		702	1	09/12/11 17:45	09/14/11 18:46	534-52-1	
2,4-Dinitrophenol	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:46	51-28-5	
2,4-Dinitrotoluene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	121-14-2	
2,6-Dinitrotoluene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	606-20-2	
Di-n-octylphthalate	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	117-84-0	
bis(2-Ethylhexyl)phthalate	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	117-81-7	
Fluoranthene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	206-44-0	
Fluorene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	86-73-7	
Hexachloro-1,3-butadiene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	87-68-3	
Hexachlorobenzene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	118-74-1	
Hexachlorocyclopentadiene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	77-47-4	
Hexachloroethane	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	193-39-5	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 30 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: SW-2 Lab ID: 92102073013 Collected: 09/08/11 15:35 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Isophorone	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	78-59-1	
1-Methylnaphthalene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	90-12-0	
2-Methylnaphthalene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46		
Naphthalene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	91-20-3	
2-Nitroaniline	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:46	88-74-4	
3-Nitroaniline	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:46	99-09-2	
4-Nitroaniline	ND ug/kg		702	1	09/12/11 17:45	09/14/11 18:46	100-01-6	
Nitrobenzene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	98-95-3	
2-Nitrophenol	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	88-75-5	
4-Nitrophenol	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:46	100-02-7	
N-Nitrosodimethylamine	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	621-64-7	
N-Nitrosodiphenylamine	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	86-30-6	
Pentachlorophenol	ND ug/kg		1760	1	09/12/11 17:45	09/14/11 18:46	87-86-5	
Phenanthrene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	85-01-8	
Phenol	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	108-95-2	
Pyrene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	129-00-0	
1,2,4-Trichlorobenzene	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	120-82-1	
2,4,5-Trichlorophenol	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	95-95-4	
2,4,6-Trichlorophenol	ND ug/kg		351	1	09/12/11 17:45	09/14/11 18:46	88-06-2	
Nitrobenzene-d5 (S)	52 %		23-110	1	09/12/11 17:45	09/14/11 18:46	4165-60-0	
2-Fluorobiphenyl (S)	54 %		30-110	1	09/12/11 17:45	09/14/11 18:46	321-60-8	
Terphenyl-d14 (S)	60 %		28-110	1	09/12/11 17:45	09/14/11 18:46	1718-51-0	
Phenol-d6 (S)	49 %		22-110	1	09/12/11 17:45	09/14/11 18:46	13127-88-3	
2-Fluorophenol (S)	54 %		13-110	1	09/12/11 17:45	09/14/11 18:46	367-12-4	
2,4,6-Tribromophenol (S)	54 %		27-110	1	09/12/11 17:45	09/14/11 18:46	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND ug/kg		104	1	09/12/11 15:00	09/12/11 15:00	67-64-1	
Benzene	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	71-43-2	
Bromobenzene	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	108-86-1	
Bromochloromethane	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	74-97-5	
Bromodichloromethane	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	75-27-4	
Bromoform	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	75-25-2	
Bromomethane	ND ug/kg		10.4	1	09/12/11 15:00	09/12/11 15:00	74-83-9	
2-Butanone (MEK)	ND ug/kg		104	1	09/12/11 15:00	09/12/11 15:00	78-93-3	
n-Butylbenzene	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	104-51-8	
sec-Butylbenzene	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	135-98-8	
tert-Butylbenzene	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	98-06-6	
Carbon tetrachloride	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	56-23-5	
Chlorobenzene	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	108-90-7	
Chloroethane	ND ug/kg		10.4	1	09/12/11 15:00	09/12/11 15:00	75-00-3	
Chloroform	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	67-66-3	
Chloromethane	ND ug/kg		10.4	1	09/12/11 15:00	09/12/11 15:00	74-87-3	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 31 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: SW-2 Lab ID: 92102073013 Collected: 09/08/11 15:35 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
2-Chlorotoluene	ND ug/kg		5.2	1		09/12/11 15:00	95-49-8	
4-Chlorotoluene	ND ug/kg		5.2	1		09/12/11 15:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		5.2	1		09/12/11 15:00	96-12-8	
Dibromochloromethane	ND ug/kg		5.2	1		09/12/11 15:00	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		5.2	1		09/12/11 15:00	106-93-4	
Dibromomethane	ND ug/kg		5.2	1		09/12/11 15:00	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		5.2	1		09/12/11 15:00	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		5.2	1		09/12/11 15:00	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		5.2	1		09/12/11 15:00	106-46-7	
Dichlorodifluoromethane	ND ug/kg		10.4	1		09/12/11 15:00	75-71-8	
1,1-Dichloroethane	ND ug/kg		5.2	1		09/12/11 15:00	75-34-3	
1,2-Dichloroethane	ND ug/kg		5.2	1		09/12/11 15:00	107-06-2	
1,1-Dichloroethene	ND ug/kg		5.2	1		09/12/11 15:00	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		5.2	1		09/12/11 15:00	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		5.2	1		09/12/11 15:00	156-60-5	
1,2-Dichloropropane	ND ug/kg		5.2	1		09/12/11 15:00	78-87-5	
1,3-Dichloropropane	ND ug/kg		5.2	1		09/12/11 15:00	142-28-9	
2,2-Dichloropropane	ND ug/kg		5.2	1		09/12/11 15:00	594-20-7	
1,1-Dichloropropene	ND ug/kg		5.2	1		09/12/11 15:00	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		5.2	1		09/12/11 15:00	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		5.2	1		09/12/11 15:00	10061-02-6	
Diisopropyl ether	ND ug/kg		5.2	1		09/12/11 15:00	108-20-3	
Ethylbenzene	ND ug/kg		5.2	1		09/12/11 15:00	100-41-4	
Hexachloro-1,3-butadiene	ND ug/kg		5.2	1		09/12/11 15:00	87-68-3	
2-Hexanone	ND ug/kg		51.9	1		09/12/11 15:00	591-78-6	
Isopropylbenzene (Cumene)	ND ug/kg		5.2	1		09/12/11 15:00	98-82-8	
p-Isopropyltoluene	ND ug/kg		5.2	1		09/12/11 15:00	99-87-6	
Methylene Chloride	ND ug/kg		20.7	1		09/12/11 15:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		51.9	1		09/12/11 15:00	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		5.2	1		09/12/11 15:00	1634-04-4	
Naphthalene	ND ug/kg		5.2	1		09/12/11 15:00	91-20-3	
n-Propylbenzene	ND ug/kg		5.2	1		09/12/11 15:00	103-65-1	
Styrene	ND ug/kg		5.2	1		09/12/11 15:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		5.2	1		09/12/11 15:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		5.2	1		09/12/11 15:00	79-34-5	
Tetrachloroethene	ND ug/kg		5.2	1		09/12/11 15:00	127-18-4	
Toluene	ND ug/kg		5.2	1		09/12/11 15:00	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		5.2	1		09/12/11 15:00	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		5.2	1		09/12/11 15:00	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		5.2	1		09/12/11 15:00	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		5.2	1		09/12/11 15:00	79-00-5	
Trichloroethene	ND ug/kg		5.2	1		09/12/11 15:00	79-01-6	
Trichlorofluoromethane	ND ug/kg		5.2	1		09/12/11 15:00	75-69-4	
1,2,3-Trichloropropane	ND ug/kg		5.2	1		09/12/11 15:00	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		5.2	1		09/12/11 15:00	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		5.2	1		09/12/11 15:00	108-67-8	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 32 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: SW-2 Lab ID: 92102073013 Collected: 09/08/11 15:35 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Vinyl acetate	ND ug/kg		51.9	1	09/12/11 15:00	09/12/11 15:00	108-05-4	
Vinyl chloride	ND ug/kg		10.4	1	09/12/11 15:00	09/12/11 15:00	75-01-4	
Xylene (Total)	ND ug/kg		10.4	1	09/12/11 15:00	09/12/11 15:00	1330-20-7	
m&p-Xylene	ND ug/kg		10.4	1	09/12/11 15:00	09/12/11 15:00	179601-23-1	
o-Xylene	ND ug/kg		5.2	1	09/12/11 15:00	09/12/11 15:00	95-47-6	
Dibromofluoromethane (S)	111 %		70-130	1	09/12/11 15:00	09/12/11 15:00	1868-53-7	
Toluene-d8 (S)	101 %		70-130	1	09/12/11 15:00	09/12/11 15:00	2037-26-5	
4-Bromofluorobenzene (S)	97 %		70-130	1	09/12/11 15:00	09/12/11 15:00	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		70-132	1	09/12/11 15:00	09/12/11 15:00	17060-07-0	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	6.0 %		0.10	1	09/12/11 14:04			

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 33 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SW-3 Lab ID: 92102073014 Collected: 09/08/11 15:40 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
Acenaphthene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	83-32-9	
Acenaphthylene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	208-96-8	
Aniline	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	62-53-3	
Anthracene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	120-12-7	
Benzo(a)anthracene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	56-55-3	
Benzo(a)pyrene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	207-08-9	
Benzoic Acid	ND ug/kg		1770	1	09/12/11 17:45	09/14/11 19:18	65-85-0	
Benzyl alcohol	ND ug/kg		709	1	09/12/11 17:45	09/14/11 19:18	100-51-6	
4-Bromophenylphenyl ether	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	101-55-3	
Butylbenzylphthalate	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		709	1	09/12/11 17:45	09/14/11 19:18	59-50-7	
4-Chloroaniline	ND ug/kg		1770	1	09/12/11 17:45	09/14/11 19:18	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	108-60-1	
2-Chloronaphthalene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	91-58-7	
2-Chlorophenol	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	7005-72-3	
Chrysene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	53-70-3	
Dibenzofuran	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	132-64-9	
1,2-Dichlorobenzene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	106-46-7	
3,3'-Dichlorobenzidine	ND ug/kg		1770	1	09/12/11 17:45	09/14/11 19:18	91-94-1	
2,4-Dichlorophenol	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	120-83-2	
Diethylphthalate	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	84-66-2	
2,4-Dimethylphenol	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	105-67-9	
Dimethylphthalate	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	131-11-3	
Di-n-butylphthalate	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/kg		709	1	09/12/11 17:45	09/14/11 19:18	534-52-1	
2,4-Dinitrophenol	ND ug/kg		1770	1	09/12/11 17:45	09/14/11 19:18	51-28-5	
2,4-Dinitrotoluene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	121-14-2	
2,6-Dinitrotoluene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	606-20-2	
Di-n-octylphthalate	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	117-84-0	
bis(2-Ethylhexyl)phthalate	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	117-81-7	
Fluoranthene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	206-44-0	
Fluorene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	86-73-7	
Hexachloro-1,3-butadiene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	87-68-3	
Hexachlorobenzene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	118-74-1	
Hexachlorocyclopentadiene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	77-47-4	
Hexachloroethane	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	193-39-5	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 34 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SW-3 Lab ID: 92102073014 Collected: 09/08/11 15:40 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave		Analytical Method: EPA 8270 Preparation Method: EPA 3546						
Isophorone	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	78-59-1	
1-Methylnaphthalene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	90-12-0	
2-Methylnaphthalene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18		
Naphthalene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	91-20-3	
2-Nitroaniline	ND ug/kg		1770	1	09/12/11 17:45	09/14/11 19:18	88-74-4	
3-Nitroaniline	ND ug/kg		1770	1	09/12/11 17:45	09/14/11 19:18	99-09-2	
4-Nitroaniline	ND ug/kg		709	1	09/12/11 17:45	09/14/11 19:18	100-01-6	
Nitrobenzene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	98-95-3	
2-Nitrophenol	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	88-75-5	
4-Nitrophenol	ND ug/kg		1770	1	09/12/11 17:45	09/14/11 19:18	100-02-7	
N-Nitrosodimethylamine	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	621-64-7	
N-Nitrosodiphenylamine	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	86-30-6	
Pentachlorophenol	ND ug/kg		1770	1	09/12/11 17:45	09/14/11 19:18	87-86-5	
Phenanthrone	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	85-01-8	
Phenol	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	108-95-2	
Pyrene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	129-00-0	
1,2,4-Trichlorobenzene	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	120-82-1	
2,4,5-Trichlorophenol	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	95-95-4	
2,4,6-Trichlorophenol	ND ug/kg		354	1	09/12/11 17:45	09/14/11 19:18	88-06-2	
Nitrobenzene-d5 (S)	57 %		23-110	1	09/12/11 17:45	09/14/11 19:18	4165-60-0	
2-Fluorobiphenyl (S)	59 %		30-110	1	09/12/11 17:45	09/14/11 19:18	321-60-8	
Terphenyl-d14 (S)	65 %		28-110	1	09/12/11 17:45	09/14/11 19:18	1718-51-0	
Phenol-d6 (S)	57 %		22-110	1	09/12/11 17:45	09/14/11 19:18	13127-88-3	
2-Fluorophenol (S)	62 %		13-110	1	09/12/11 17:45	09/14/11 19:18	367-12-4	
2,4,6-Tribromophenol (S)	66 %		27-110	1	09/12/11 17:45	09/14/11 19:18	118-79-6	
8260/5035A Volatile Organics		Analytical Method: EPA 8260						
Acetone	103 ug/kg		93.7	1		09/12/11 15:20	67-64-1	C9
Benzene	ND ug/kg		4.7	1		09/12/11 15:20	71-43-2	
Bromobenzene	ND ug/kg		4.7	1		09/12/11 15:20	108-86-1	
Bromoform	ND ug/kg		4.7	1		09/12/11 15:20	74-97-5	
Bromomethane	ND ug/kg		4.7	1		09/12/11 15:20	75-27-4	
2-Butanone (MEK)	ND ug/kg		9.4	1		09/12/11 15:20	75-25-2	
n-Butylbenzene	ND ug/kg		93.7	1		09/12/11 15:20	74-83-9	
sec-Butylbenzene	ND ug/kg		4.7	1		09/12/11 15:20	78-93-3	
tert-Butylbenzene	ND ug/kg		4.7	1		09/12/11 15:20	104-51-8	
Carbon tetrachloride	ND ug/kg		4.7	1		09/12/11 15:20	135-98-8	
Chlorobenzene	ND ug/kg		4.7	1		09/12/11 15:20	98-06-6	
Chloroethane	ND ug/kg		9.4	1		09/12/11 15:20	56-23-5	
Chloroform	ND ug/kg		4.7	1		09/12/11 15:20	108-90-7	
Chloromethane	ND ug/kg		9.4	1		09/12/11 15:20	75-00-3	
						09/12/11 15:20	67-66-3	
						09/12/11 15:20	74-87-3	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

Page 35 of 74



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SW-3 Lab ID: 92102073014 Collected: 09/08/11 15:40 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
2-Chlorotoluene	ND ug/kg		4.7	1		09/12/11 15:20	95-49-8	
4-Chlorotoluene	ND ug/kg		4.7	1		09/12/11 15:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.7	1		09/12/11 15:20	96-12-8	
Dibromochloromethane	ND ug/kg		4.7	1		09/12/11 15:20	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.7	1		09/12/11 15:20	106-93-4	
Dibromomethane	ND ug/kg		4.7	1		09/12/11 15:20	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.7	1		09/12/11 15:20	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.7	1		09/12/11 15:20	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.7	1		09/12/11 15:20	106-46-7	
Dichlorodifluoromethane	ND ug/kg		9.4	1		09/12/11 15:20	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.7	1		09/12/11 15:20	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.7	1		09/12/11 15:20	107-06-2	
1,1-Dichloroethylene	ND ug/kg		4.7	1		09/12/11 15:20	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.7	1		09/12/11 15:20	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.7	1		09/12/11 15:20	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.7	1		09/12/11 15:20	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.7	1		09/12/11 15:20	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.7	1		09/12/11 15:20	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.7	1		09/12/11 15:20	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.7	1		09/12/11 15:20	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.7	1		09/12/11 15:20	10061-02-6	
Diisopropyl ether	ND ug/kg		4.7	1		09/12/11 15:20	108-20-3	
Ethylbenzene	ND ug/kg		4.7	1		09/12/11 15:20	100-41-4	
Hexachloro-1,3-butadiene	ND ug/kg		4.7	1		09/12/11 15:20	87-68-3	
2-Hexanone	ND ug/kg		46.9	1		09/12/11 15:20	591-78-6	
Isopropylbenzene (Cumene)	ND ug/kg		4.7	1		09/12/11 15:20	98-82-8	
p-Isopropyltoluene	ND ug/kg		4.7	1		09/12/11 15:20	99-87-6	
Methylene Chloride	ND ug/kg		18.7	1		09/12/11 15:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		46.9	1		09/12/11 15:20	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		4.7	1		09/12/11 15:20	1634-04-4	
Naphthalene	52.3 ug/kg		4.7	1		09/12/11 15:20	91-20-3	
n-Propylbenzene	ND ug/kg		4.7	1		09/12/11 15:20	103-65-1	
Styrene	ND ug/kg		4.7	1		09/12/11 15:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		4.7	1		09/12/11 15:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.7	1		09/12/11 15:20	79-34-5	
Tetrachloroethylene	ND ug/kg		4.7	1		09/12/11 15:20	127-18-4	
Toluene	ND ug/kg		4.7	1		09/12/11 15:20	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		4.7	1		09/12/11 15:20	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		4.7	1		09/12/11 15:20	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		4.7	1		09/12/11 15:20	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		4.7	1		09/12/11 15:20	79-00-5	
Trichloroethylene	ND ug/kg		4.7	1		09/12/11 15:20	79-01-6	
Trichlorofluoromethane	ND ug/kg		4.7	1		09/12/11 15:20	75-69-4	
1,2,3-Trichloropropane	ND ug/kg		4.7	1		09/12/11 15:20	96-18-4	
1,2,4-Trimethylbenzene	19.3 ug/kg		4.7	1		09/12/11 15:20	95-63-6	
1,3,5-Trimethylbenzene	10.3 ug/kg		4.7	1		09/12/11 15:20	108-67-8	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

Page 36 of 74



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SW-3 Lab ID: 92102073014 Collected: 09/08/11 15:40 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Vinyl acetate	ND ug/kg		46.9	1		09/12/11 15:20	108-05-4	
Vinyl chloride	ND ug/kg		9.4	1		09/12/11 15:20	75-01-4	
Xylene (Total)	ND ug/kg		9.4	1		09/12/11 15:20	1330-20-7	
m&p-Xylene	ND ug/kg		9.4	1		09/12/11 15:20	179601-23-1	
o-Xylene	4.9 ug/kg		4.7	1		09/12/11 15:20	95-47-6	
Dibromofluoromethane (S)	114 %		70-130	1		09/12/11 15:20	1868-53-7	
Toluene-d8 (S)	102 %		70-130	1		09/12/11 15:20	2037-26-5	
4-Bromofluorobenzene (S)	95 %		70-130	1		09/12/11 15:20	460-00-4	
1,2-Dichloroethane-d4 (S)	122 %		70-132	1		09/12/11 15:20	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	6.9 %		0.10	1		09/12/11 14:04		

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc.

Page 37 of 74



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SW-4 Lab ID: 92102073015 Collected: 09/08/11 15:45 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Microwave</b> Analytical Method: EPA 8270 Preparation Method: EPA 3546								
Acenaphthene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	83-32-9	
Acenaphthylene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	208-96-8	
Aniline	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	62-53-3	
Anthracene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	120-12-7	
Benzo(a)anthracene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	56-55-3	
Benzo(a)pyrene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	207-08-9	
Benzoic Acid	ND ug/kg		17400	10	09/12/11 17:45	09/15/11 13:19	65-85-0	
Benzyl alcohol	ND ug/kg		6950	10	09/12/11 17:45	09/15/11 13:19	100-51-6	
4-Bromophenylphenyl ether	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	101-55-3	
Butylbenzylphthalate	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		6950	10	09/12/11 17:45	09/15/11 13:19	59-50-7	
4-Chloroaniline	ND ug/kg		17400	10	09/12/11 17:45	09/15/11 13:19	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	108-60-1	
2-Chloronaphthalene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	91-58-7	
2-Chlorophenol	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	7005-72-3	
Chrysene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	53-70-3	
Dibenzofuran	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	132-64-9	
1,2-Dichlorobenzene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	106-46-7	
3,3'-Dichlorobenzidine	ND ug/kg		17400	10	09/12/11 17:45	09/15/11 13:19	91-94-1	
2,4-Dichlorophenol	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	120-83-2	
Diethylphthalate	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	84-66-2	
2,4-Dimethylphenol	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	105-67-9	
Dimethylphthalate	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	131-11-3	
Di-n-butylphthalate	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/kg		6950	10	09/12/11 17:45	09/15/11 13:19	534-52-1	
2,4-Dinitrophenol	ND ug/kg		17400	10	09/12/11 17:45	09/15/11 13:19	51-28-5	
2,4-Dinitrotoluene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	121-14-2	
2,6-Dinitrotoluene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	606-20-2	
Di-n-octylphthalate	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	117-81-7	
Fluoranthene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	206-44-0	
Fluorene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	86-73-7	
Hexachloro-1,3-butadiene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	87-68-3	
Hexachlorobenzene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	118-74-4	
Hexachlorocyclopentadiene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	77-47-4	
Hexachloroethane	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	193-39-5	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 38 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave., Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SW-4 Lab ID: 92102073015 Collected: 09/08/11 15:45 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Item	Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
<b>8270 MSSV Microwave</b>									
		Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Isophorone		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	78-59-1	
1-Methylnaphthalene		10000 ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	90-12-0	
2-Methylnaphthalene		22000 ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	91-57-6	
2-Methylphenol(o-Cresol)		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	95-48-7	
3&4-Methylphenol(m&p Cresol)		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19		
Naphthalene		4630 ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	91-20-3	
2-Nitroaniline		ND ug/kg		17400	10	09/12/11 17:45	09/15/11 13:19	88-74-4	
3-Nitroaniline		ND ug/kg		17400	10	09/12/11 17:45	09/15/11 13:19	99-09-2	
4-Nitroaniline		ND ug/kg		6950	10	09/12/11 17:45	09/15/11 13:19	100-01-6	
Nitrobenzene		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	98-95-3	
2-Nitrophenol		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	88-75-5	
4-Nitrophenol		ND ug/kg		17400	10	09/12/11 17:45	09/15/11 13:19	100-02-7	
N-Nitrosodimethylamine		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	62-75-9	
N-Nitroso-di-n-propylamine		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	621-64-7	
N-Nitrosodiphenylamine		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	86-30-6	
Pentachlorophenol		ND ug/kg		17400	10	09/12/11 17:45	09/15/11 13:19	87-86-5	
Phenanthrene		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	85-01-8	
Phenol		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	108-95-2	D3
Pyrene		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	129-00-0	
1,2,4-Trichlorobenzene		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	120-82-1	
2,4,5-Trichlorophenol		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	95-95-4	
2,4,6-Trichlorophenol		ND ug/kg		3470	10	09/12/11 17:45	09/15/11 13:19	88-06-2	
Nitrobenzene-d5 (S)		0 %		23-110	10	09/12/11 17:45	09/15/11 13:19	4165-60-0	S0
2-Fluorobiphenyl (S)		0 %		30-110	10	09/12/11 17:45	09/15/11 13:19	321-60-8	
Terphenyl-d14 (S)		0 %		28-110	10	09/12/11 17:45	09/15/11 13:19	1718-51-0	
Phenol-d6 (S)		0 %		22-110	10	09/12/11 17:45	09/15/11 13:19	13127-88-3	
2-Fluorophenol (S)		0 %		13-110	10	09/12/11 17:45	09/15/11 13:19	367-12-4	
2,4,6-Tribromophenol (S)		0 %		27-110	10	09/12/11 17:45	09/15/11 13:19	118-79-6	
<b>8260/5035A Volatile Organics</b>									
		Analytical Method: EPA 8260							
Acetone		250 ug/kg		95.3	1		09/12/11 16:00	67-64-1	C9
Benzene		ND ug/kg		4.8	1		09/12/11 16:00	71-43-2	
Bromobenzene		ND ug/kg		4.8	1		09/12/11 16:00	108-86-1	
Bromoform		ND ug/kg		4.8	1		09/12/11 16:00	74-97-5	
Bromochloromethane		ND ug/kg		4.8	1		09/12/11 16:00	75-27-4	
Bromodichloromethane		ND ug/kg		4.8	1		09/12/11 16:00	75-25-2	
Bromoform		ND ug/kg		9.5	1		09/12/11 16:00	74-83-9	
Bromomethane		ND ug/kg		95.3	1		09/12/11 16:00	78-93-3	
2-Butanone (MEK)		ND ug/kg		4.8	1		09/12/11 16:00	104-51-8	
n-Butylbenzene		ND ug/kg		4.8	1		09/12/11 16:00	135-98-8	
sec-Butylbenzene		43.9 ug/kg		4.8	1		09/12/11 16:00	98-06-6	
tert-Butylbenzene		ND ug/kg		4.8	1		09/12/11 16:00	56-23-5	
Carbon tetrachloride		ND ug/kg		4.8	1		09/12/11 16:00	108-90-7	
Chlorobenzene		ND ug/kg		4.8	1		09/12/11 16:00	75-00-3	
Chloroethane		ND ug/kg		9.5	1		09/12/11 16:00	67-66-3	
Chloroform		ND ug/kg		4.8	1		09/12/11 16:00	74-87-3	
Chloromethane		ND ug/kg		9.5	1		09/12/11 16:00		

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

Page 39 of 74



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SW-4 Lab ID: 92102073015 Collected: 09/08/11 15:45 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
2-Chlorotoluene	ND ug/kg		4.8	1		09/12/11 16:00	95-49-8	
4-Chlorotoluene	ND ug/kg		4.8	1		09/12/11 16:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.8	1		09/12/11 16:00	96-12-8	
Dibromochloromethane	ND ug/kg		4.8	1		09/12/11 16:00	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.8	1		09/12/11 16:00	106-93-4	
Dibromomethane	ND ug/kg		4.8	1		09/12/11 16:00	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.8	1		09/12/11 16:00	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.8	1		09/12/11 16:00	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.8	1		09/12/11 16:00	106-46-7	
Dichlorodifluoromethane	ND ug/kg		9.5	1		09/12/11 16:00	75-71-8	IO
1,1-Dichloroethane	ND ug/kg		4.8	1		09/12/11 16:00	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.8	1		09/12/11 16:00	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.8	1		09/12/11 16:00	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.8	1		09/12/11 16:00	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.8	1		09/12/11 16:00	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.8	1		09/12/11 16:00	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.8	1		09/12/11 16:00	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.8	1		09/12/11 16:00	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.8	1		09/12/11 16:00	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.8	1		09/12/11 16:00	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.8	1		09/12/11 16:00	10061-02-6	
Diisopropyl ether	ND ug/kg		4.8	1		09/12/11 16:00	108-20-3	
Ethylbenzene	ND ug/kg		4.8	1		09/12/11 16:00	100-41-4	
Hexachloro-1,3-butadiene	ND ug/kg		4.8	1		09/12/11 16:00	87-68-3	
2-Hexanone	ND ug/kg		47.7	1		09/12/11 16:00	591-78-6	
Isopropylbenzene (Cumene)	ND ug/kg		4.8	1		09/12/11 16:00	98-82-8	
p-Isopropyltoluene	ND ug/kg		1320	250		09/13/11 16:34	99-87-6	
Methylene Chloride	ND ug/kg		19.1	1		09/12/11 16:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		47.7	1		09/12/11 16:00	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		4.8	1		09/12/11 16:00	1634-04-4	
Naphthalene	14900 ug/kg		1320	250		09/13/11 16:34	91-20-3	
n-Propylbenzene	ND ug/kg		4.8	1		09/12/11 16:00	103-65-1	
Styrene	ND ug/kg		4.8	1		09/12/11 16:00	100-42-5	
1,1,2-Tetrachloroethane	ND ug/kg		4.8	1		09/12/11 16:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.8	1		09/12/11 16:00	79-34-5	
Tetrachloroethene	ND ug/kg		4.8	1		09/12/11 16:00	127-18-4	
Toluene	ND ug/kg		4.8	1		09/12/11 16:00	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		4.8	1		09/12/11 16:00	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		4.8	1		09/12/11 16:00	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		4.8	1		09/12/11 16:00	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		4.8	1		09/12/11 16:00	79-00-5	
Trichloroethene	ND ug/kg		4.8	1		09/12/11 16:00	79-01-6	
Trichlorofluoromethane	ND ug/kg		4.8	1		09/12/11 16:00	75-69-4	
1,2,3-Trichloropropane	ND ug/kg		4.8	1		09/12/11 16:00	96-18-4	
1,2,4-Trimethylbenzene	2870 ug/kg		1320	250		09/13/11 16:34	95-63-6	
1,3,5-Trimethylbenzene	1530 ug/kg		1320	250		09/13/11 16:34	108-67-8	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 40 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: SW-4 Lab ID: 92102073015 Collected: 09/08/11 15:45 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Vinyl acetate	ND ug/kg		47.7	1		09/12/11 16:00	108-05-4	
Vinyl chloride	ND ug/kg		9.5	1		09/12/11 16:00	75-01-4	
Xylene (Total)	ND ug/kg		9.5	1		09/12/11 16:00	1330-20-7	
m&p-Xylene	ND ug/kg		9.5	1		09/12/11 16:00	179601-23-1	
o-Xylene	ND ug/kg		4.8	1		09/12/11 16:00	95-47-6	
Dibromofluoromethane (S)	143 %		70-130	1		09/12/11 16:00	1868-53-7	S2
Toluene-d8 (S)	89 %		70-130	1		09/12/11 16:00	2037-26-5	
4-Bromofluorobenzene (S)	82 %		70-130	1		09/12/11 16:00	460-00-4	
1,2-Dichloroethane-d4 (S)	164 %		70-132	1		09/12/11 16:00	17060-07-0	S2
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	5.0 %		0.10	1		09/12/11 14:04		

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 41 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: BASIN	Lab ID: 92102073016	Collected: 09/08/11 15:50	Received: 09/10/11 09:30	Matrix: Solid				
Results reported on a "dry-weight" basis								
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	83-32-9	
Acenaphthylene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	208-96-8	
Aniline	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	62-53-3	
Anthracene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	120-12-7	
Benzo(a)anthracene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	56-55-3	
Benzo(a)pyrene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	50-32-8	
Benzo(b)fluoranthene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	205-99-2	
Benzo(g,h,i)perylene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	191-24-2	
Benzo(k)fluoranthene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	207-08-9	
Benzoic Acid	ND ug/kg		1790	1	09/12/11 17:45	09/14/11 20:22	65-85-0	
Benzyl alcohol	ND ug/kg		718	1	09/12/11 17:45	09/14/11 20:22	100-51-6	
4-Bromophenylphenyl ether	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	101-55-3	
Butylbenzylphthalate	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	85-68-7	
4-Chloro-3-methylphenol	ND ug/kg		718	1	09/12/11 17:45	09/14/11 20:22	59-50-7	
4-Chloroaniline	ND ug/kg		1790	1	09/12/11 17:45	09/14/11 20:22	106-47-8	
bis(2-Chloroethoxy)methane	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	111-91-1	
bis(2-Chloroethyl) ether	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	111-44-4	
bis(2-Chloroisopropyl) ether	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	108-60-1	
2-Chloronaphthalene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	91-58-7	
2-Chlorophenol	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	95-57-8	
4-Chlorophenylphenyl ether	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	7005-72-3	
Chrysene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	218-01-9	
Dibenz(a,h)anthracene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	53-70-3	
Dibenzofuran	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	132-64-9	
1,2-Dichlorobenzene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	106-46-7	
3,3'-Dichlorobenzidine	ND ug/kg		1790	1	09/12/11 17:45	09/14/11 20:22	91-94-1	
2,4-Dichlorophenol	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	120-83-2	
Diethylphthalate	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	84-66-2	
2,4-Dimethylphenol	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	105-67-9	
Dimethylphthalate	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	131-11-3	
Di-n-butylphthalate	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	84-74-2	
4,6-Dinitro-2-methylphenol	ND ug/kg		718	1	09/12/11 17:45	09/14/11 20:22	534-52-1	
2,4-Dinitrophenol	ND ug/kg		1790	1	09/12/11 17:45	09/14/11 20:22	51-28-5	
2,4-Dinitrotoluene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	121-14-2	
2,6-Dinitrotoluene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	606-20-2	
Di-n-octylphthalate	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	117-84-0	
bis(2-Ethylhexyl)phthalate	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	117-81-7	
Fluoranthene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	206-44-0	
Fluorene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	86-73-7	
Hexachloro-1,3-butadiene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	87-68-3	
Hexachlorobenzene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	118-74-1	
Hexachlorocyclopentadiene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	77-47-4	
Hexachloroethane	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	67-72-1	
Indeno(1,2,3-cd)pyrene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	193-39-5	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 42 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: BASIN Lab ID: 92102073016 Collected: 09/08/11 15:50 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Isophorone	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	78-59-1	
1-Methylnaphthalene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	90-12-0	
2-Methylnaphthalene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	91-57-6	
2-Methylphenol(o-Cresol)	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22		
Naphthalene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	91-20-3	
2-Nitroaniline	ND ug/kg		1790	1	09/12/11 17:45	09/14/11 20:22	88-74-4	
3-Nitroaniline	ND ug/kg		1790	1	09/12/11 17:45	09/14/11 20:22	99-09-2	
4-Nitroaniline	ND ug/kg		718	1	09/12/11 17:45	09/14/11 20:22	100-01-6	
Nitrobenzene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	98-95-3	
2-Nitrophenol	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	88-75-5	
4-Nitrophenol	ND ug/kg		1790	1	09/12/11 17:45	09/14/11 20:22	100-02-7	
N-Nitrosodimethylamine	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	62-75-9	
N-Nitroso-di-n-propylamine	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	621-64-7	
N-Nitrosodiphenylamine	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	86-30-6	
Pentachlorophenol	ND ug/kg		1790	1	09/12/11 17:45	09/14/11 20:22	87-86-5	
Phenanthrene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	85-01-8	
Phenol	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	108-95-2	
Pyrene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	129-00-0	
1,2,4-Trichlorobenzene	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	120-82-1	
2,4,5-Trichlorophenol	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	95-95-4	
2,4,6-Trichlorophenol	ND ug/kg		359	1	09/12/11 17:45	09/14/11 20:22	88-06-2	
Nitrobenzene-d5 (S)	52 %		23-110	1	09/12/11 17:45	09/14/11 20:22	4165-60-0	
2-Fluorobiphenyl (S)	57 %		30-110	1	09/12/11 17:45	09/14/11 20:22	321-60-8	
Terphenyl-d14 (S)	65 %		28-110	1	09/12/11 17:45	09/14/11 20:22	1718-51-0	
Phenol-d6 (S)	50 %		22-110	1	09/12/11 17:45	09/14/11 20:22	13127-88-3	
2-Fluorophenol (S)	53 %		13-110	1	09/12/11 17:45	09/14/11 20:22	367-12-4	
2,4,6-Tribromophenol (S)	64 %		27-110	1	09/12/11 17:45	09/14/11 20:22	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND ug/kg		98.5	1		09/12/11 15:40	67-64-1	
Benzene	ND ug/kg		4.9	1		09/12/11 15:40	71-43-2	
Bromobenzene	ND ug/kg		4.9	1		09/12/11 15:40	108-86-1	
Bromochloromethane	ND ug/kg		4.9	1		09/12/11 15:40	74-97-5	
Bromodichloromethane	ND ug/kg		4.9	1		09/12/11 15:40	75-27-4	
Bromoform	ND ug/kg		4.9	1		09/12/11 15:40	75-25-2	
Bromomethane	ND ug/kg		9.9	1		09/12/11 15:40	74-83-9	
2-Butanone (MEK)	ND ug/kg		98.5	1		09/12/11 15:40	78-93-3	
n-Butylbenzene	ND ug/kg		4.9	1		09/12/11 15:40	104-51-8	
sec-Butylbenzene	ND ug/kg		4.9	1		09/12/11 15:40	135-98-8	
tert-Butylbenzene	ND ug/kg		4.9	1		09/12/11 15:40	98-06-6	
Carbon tetrachloride	ND ug/kg		4.9	1		09/12/11 15:40	56-23-5	
Chlorobenzene	ND ug/kg		4.9	1		09/12/11 15:40	108-90-7	
Chloroethane	ND ug/kg		9.9	1		09/12/11 15:40	75-00-3	
Chloroform	ND ug/kg		4.9	1		09/12/11 15:40	67-66-3	
Chloromethane	ND ug/kg		9.9	1		09/12/11 15:40	74-87-3	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 43 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Sample: BASIN Lab ID: 92102073016 Collected: 09/08/11 15:50 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
2-Chlorotoluene	ND ug/kg		4.9	1		09/12/11 15:40	95-49-8	
4-Chlorotoluene	ND ug/kg		4.9	1		09/12/11 15:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND ug/kg		4.9	1		09/12/11 15:40	96-12-8	
Dibromochloromethane	ND ug/kg		4.9	1		09/12/11 15:40	124-48-1	
1,2-Dibromoethane (EDB)	ND ug/kg		4.9	1		09/12/11 15:40	106-93-4	
Dibromomethane	ND ug/kg		4.9	1		09/12/11 15:40	74-95-3	
1,2-Dichlorobenzene	ND ug/kg		4.9	1		09/12/11 15:40	95-50-1	
1,3-Dichlorobenzene	ND ug/kg		4.9	1		09/12/11 15:40	541-73-1	
1,4-Dichlorobenzene	ND ug/kg		4.9	1		09/12/11 15:40	106-46-7	
Dichlorodifluoromethane	ND ug/kg		9.9	1		09/12/11 15:40	75-71-8	
1,1-Dichloroethane	ND ug/kg		4.9	1		09/12/11 15:40	75-34-3	
1,2-Dichloroethane	ND ug/kg		4.9	1		09/12/11 15:40	107-06-2	
1,1-Dichloroethene	ND ug/kg		4.9	1		09/12/11 15:40	75-35-4	
cis-1,2-Dichloroethene	ND ug/kg		4.9	1		09/12/11 15:40	156-59-2	
trans-1,2-Dichloroethene	ND ug/kg		4.9	1		09/12/11 15:40	156-60-5	
1,2-Dichloropropane	ND ug/kg		4.9	1		09/12/11 15:40	78-87-5	
1,3-Dichloropropane	ND ug/kg		4.9	1		09/12/11 15:40	142-28-9	
2,2-Dichloropropane	ND ug/kg		4.9	1		09/12/11 15:40	594-20-7	
1,1-Dichloropropene	ND ug/kg		4.9	1		09/12/11 15:40	563-58-6	
cis-1,3-Dichloropropene	ND ug/kg		4.9	1		09/12/11 15:40	10061-01-5	
trans-1,3-Dichloropropene	ND ug/kg		4.9	1		09/12/11 15:40	10061-02-6	
Diisopropyl ether	ND ug/kg		4.9	1		09/12/11 15:40	108-20-3	
Ethylbenzene	ND ug/kg		4.9	1		09/12/11 15:40	100-41-4	
Hexachloro-1,3-butadiene	ND ug/kg		4.9	1		09/12/11 15:40	87-68-3	
2-Hexanone	ND ug/kg		49.3	1		09/12/11 15:40	591-78-6	
Isopropylbenzene (Cumene)	ND ug/kg		4.9	1		09/12/11 15:40	98-82-8	
p-Isopropyltoluene	ND ug/kg		4.9	1		09/12/11 15:40	99-87-6	
Methylene Chloride	ND ug/kg		19.7	1		09/12/11 15:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND ug/kg		49.3	1		09/12/11 15:40	108-10-1	
Methyl-tert-butyl ether	ND ug/kg		4.9	1		09/12/11 15:40	1634-04-4	
Naphthalene	ND ug/kg		4.9	1		09/12/11 15:40	91-20-3	
n-Propylbenzene	ND ug/kg		4.9	1		09/12/11 15:40	103-65-1	
Styrene	ND ug/kg		4.9	1		09/12/11 15:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND ug/kg		4.9	1		09/12/11 15:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND ug/kg		4.9	1		09/12/11 15:40	79-34-5	
Tetrachloroethene	ND ug/kg		4.9	1		09/12/11 15:40	127-18-4	
Toluene	ND ug/kg		4.9	1		09/12/11 15:40	108-88-3	
1,2,3-Trichlorobenzene	ND ug/kg		4.9	1		09/12/11 15:40	87-61-6	
1,2,4-Trichlorobenzene	ND ug/kg		4.9	1		09/12/11 15:40	120-82-1	
1,1,1-Trichloroethane	ND ug/kg		4.9	1		09/12/11 15:40	71-55-6	
1,1,2-Trichloroethane	ND ug/kg		4.9	1		09/12/11 15:40	79-00-5	
Trichloroethene	ND ug/kg		4.9	1		09/12/11 15:40	79-01-6	
Trichlorofluoromethane	ND ug/kg		4.9	1		09/12/11 15:40	75-69-4	
1,2,3-Trichloropropane	ND ug/kg		4.9	1		09/12/11 15:40	96-18-4	
1,2,4-Trimethylbenzene	ND ug/kg		4.9	1		09/12/11 15:40	95-63-6	
1,3,5-Trimethylbenzene	ND ug/kg		4.9	1		09/12/11 15:40	108-67-8	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 44 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincay Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## ANALYTICAL RESULTS

Project: SALE FORD 72117067

Pace Project No.: 92102073

Sample: BASIN Lab ID: 92102073016 Collected: 09/08/11 15:50 Received: 09/10/11 09:30 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Vinyl acetate	ND ug/kg		49.3	1		09/12/11 15:40	108-05-4	
Vinyl chloride	ND ug/kg		9.9	1		09/12/11 15:40	75-01-4	
Xylene (Total)	ND ug/kg		9.9	1		09/12/11 15:40	1330-20-7	
m&p-Xylene	ND ug/kg		9.9	1		09/12/11 15:40	179601-23-1	
o-Xylene	ND ug/kg		4.9	1		09/12/11 15:40	95-47-6	
Dibromofluoromethane (S)	110 %		70-130	1		09/12/11 15:40	1868-53-7	
Toluene-d8 (S)	101 %		70-130	1		09/12/11 15:40	2037-26-5	
4-Bromofluorobenzene (S)	96 %		70-130	1		09/12/11 15:40	460-00-4	
1,2-Dichloroethane-d4 (S)	114 %		70-132	1		09/12/11 15:40	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	8.1 %		0.10	1		09/12/11 14:05		



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

QC Batch: OEXT/14823 Analysis Method: EPA 8015 Modified

QC Batch Method: EPA 3546 Analysis Description: 8015 Solid GCSV

Associated Lab Samples: 92102073001, 92102073002, 92102073003, 92102073004, 92102073005, 92102073011

METHOD BLANK: 658620 Matrix: Solid

Associated Lab Samples: 92102073001, 92102073002, 92102073003, 92102073004, 92102073005, 92102073011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/kg	ND	5.0	09/13/11 21:53	
n-Pentacosane (S)	%	64	41-119	09/13/11 21:53	

LABORATORY CONTROL SAMPLE: 658621

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Components	mg/kg	66.7	38.7	58	49-113	
n-Pentacosane (S)	%			61	41-119	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 658622 658623

Parameter	Units	92102073003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Diesel Components	mg/kg	ND	76.4	76.4	42.5	52.1	49	62	10-146	20	
n-Pentacosane (S)	%						56	65	41-119		



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

QC Batch: GCSV/10461 Analysis Method: 9071B

QC Batch Method: 9071B Analysis Description: 9071 Oil and Grease

Associated Lab Samples: 92102073001, 92102073002, 92102073003, 92102073004, 92102073005, 92102073011

METHOD BLANK: 659173 Matrix: Solid

Associated Lab Samples: 92102073001, 92102073002, 92102073003, 92102073004, 92102073005, 92102073011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Oil and Grease	mg/kg	ND	70.0	09/15/11 08:48	

LABORATORY CONTROL SAMPLE: 659174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Oil and Grease	mg/kg	1330	1270	95	78-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 659175 659176

Parameter	Units	92102095003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Oil and Grease	mg/kg	ND	1630	1630	1520	1540	91	93	78-114	2	



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave., Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067  
Pace Project No.: 92102073

QC Batch: GCSV/10462 Analysis Method: 9071B  
QC Batch Method: 9071B Analysis Description: 9071B SGT-HEM, TPH Gravimetric  
Associated Lab Samples: 92102073001, 92102073002, 92102073003, 92102073004, 92102073005, 92102073011

METHOD BLANK: 659200 Matrix: Solid

Associated Lab Samples: 92102073001, 92102073002, 92102073003, 92102073004, 92102073005, 92102073011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Petroleum Hydrocarbons	mg/kg	ND	70.0	09/15/11 09:02	

LABORATORY CONTROL SAMPLE: 659201

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Petroleum Hydrocarbons	mg/kg	667	623	93	78-114	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 659202 659203

Parameter	Units	MS Result	MSD Spike Conc.	MS Result	MSD Spike Conc.	MS Result	MSD % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Total Petroleum Hydrocarbons	mg/kg	ND	815	815	697	693	82	82	78-114	1	



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067  
Pace Project No.: 92102073

QC Batch: GCV/5354 Analysis Method: EPA 8015 Modified  
QC Batch Method: EPA 5035A/5030B Analysis Description: Gasoline Range Organics  
Associated Lab Samples: 92102073001, 92102073002, 92102073003, 92102073004, 92102073005, 92102073011

METHOD BLANK: 658560 Matrix: Solid

Associated Lab Samples: 92102073001, 92102073002, 92102073003, 92102073004, 92102073005, 92102073011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.9	09/12/11 17:38	
4-Bromofluorobenzene (S)	%	92	70-167	09/12/11 17:38	

LABORATORY CONTROL SAMPLE: 658561

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	24.5	23.2	95	70-165	
4-Bromofluorobenzene (S)	%			88	70-167	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 658562 658563

Parameter	Units	92102073003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Gasoline Range Organics	mg/kg	ND	27.7	27.7	38.4	37.0	138	134	47-187	4	
4-Bromofluorobenzene (S)	%						89	83	70-167		



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067  
Pace Project No.: 92102073

QC Batch: MPRP/9047 Analysis Method: EPA 6010  
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP  
Associated Lab Samples: 92102073011

METHOD BLANK: 659347 Matrix: Water

Associated Lab Samples: 92102073011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.025	09/14/11 18:49	
Barium	mg/L	ND	0.50	09/14/11 18:49	
Cadmium	mg/L	ND	0.0050	09/14/11 18:49	
Chromium	mg/L	ND	0.025	09/14/11 18:49	
Lead	mg/L	ND	0.025	09/14/11 18:49	
Selenium	mg/L	ND	0.10	09/14/11 18:49	
Silver	mg/L	ND	0.025	09/14/11 18:49	

LABORATORY CONTROL SAMPLE: 659348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	2.5	2.5	101	80-120	
Barium	mg/L	2.5	2.4	94	80-120	
Cadmium	mg/L	2.5	2.3	94	80-120	
Chromium	mg/L	2.5	2.4	95	80-120	
Lead	mg/L	2.5	2.2	86	80-120	
Selenium	mg/L	2.5	2.6	103	80-120	
Silver	mg/L	1.2	1.3	101	80-120	

MATRIX SPIKE SAMPLE: 659349

Parameter	Units	92101916002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	ND	2.5	2.5	100	75-125	
Barium	mg/L	0.61	2.5	2.7	84	75-125	
Cadmium	mg/L	ND	2.5	2.4	95	75-125	
Chromium	mg/L	ND	2.5	2.4	96	75-125	
Lead	mg/L	ND	2.5	2.2	87	75-125	
Selenium	mg/L	ND	2.5	2.5	100	75-125	
Silver	mg/L	ND	1.2	1.3	101	75-125	

SAMPLE DUPLICATE: 659350

Parameter	Units	92102018001 Result	Dup Result	RPD	Qualifiers
Arsenic	mg/L	ND	ND		
Barium	mg/L	1240 ug/L	1.3	1	
Cadmium	mg/L	ND	ND		
Chromium	mg/L	ND	ND		
Lead	mg/L	ND	ND		

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

Page 50 of 74



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067  
Pace Project No.: 92102073

SAMPLE DUPLICATE: 659350

Parameter	Units	Result	Dup Result	RPD	Qualifiers
Selenium	mg/L	ND	ND		
Silver	mg/L	ND	ND		



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067  
Pace Project No.: 92102073

QC Batch:	MERP/3741	Analysis Method:	EPA 7470
QC Batch Method:	EPA 7470	Analysis Description:	7470 Mercury TCLP
Associated Lab Samples:	92102073011		

METHOD BLANK: 659373 Matrix: Water

Associated Lab Samples: 92102073011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	09/14/11 15:43	

LABORATORY CONTROL SAMPLE: 659374

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.3	92	80-120	

MATRIX SPIKE SAMPLE: 659375

Parameter	Units	92101916002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	ND	2.5	2.6	103	75-125	

SAMPLE DUPLICATE: 659376

Parameter	Units	92102018001 Result	Dup Result	RPD	Qualifiers
Mercury	ug/L	ND	ND		



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

QC Batch: OEXT/14829 Analysis Method: EPA 8270  
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave  
Associated Lab Samples: 92102073012, 92102073013, 92102073014, 92102073015, 92102073016

METHOD BLANK: 658712 Matrix: Solid

Associated Lab Samples: 92102073012, 92102073013, 92102073014, 92102073015, 92102073016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	09/14/11 19:20	
1,2-Dichlorobenzene	ug/kg	ND	330	09/14/11 19:20	
1,3-Dichlorobenzene	ug/kg	ND	330	09/14/11 19:20	
1,4-Dichlorobenzene	ug/kg	ND	330	09/14/11 19:20	
1-Methylnaphthalene	ug/kg	ND	330	09/14/11 19:20	
2,4,5-Trichlorophenol	ug/kg	ND	330	09/14/11 19:20	
2,4,6-Trichlorophenol	ug/kg	ND	330	09/14/11 19:20	
2,4-Dichlorophenol	ug/kg	ND	330	09/14/11 19:20	
2,4-Dimethylphenol	ug/kg	ND	330	09/14/11 19:20	
2,4-Dinitrophenol	ug/kg	ND	1650	09/14/11 19:20	
2,4-Dinitrotoluene	ug/kg	ND	330	09/14/11 19:20	
2,6-Dinitrotoluene	ug/kg	ND	330	09/14/11 19:20	
2-Chloronaphthalene	ug/kg	ND	330	09/14/11 19:20	
2-Chlorophenol	ug/kg	ND	330	09/14/11 19:20	
2-Methylnaphthalene	ug/kg	ND	330	09/14/11 19:20	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	09/14/11 19:20	
2-Nitroaniline	ug/kg	ND	1650	09/14/11 19:20	
2-Nitrophenol	ug/kg	ND	330	09/14/11 19:20	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	09/14/11 19:20	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	09/14/11 19:20	
3-Nitroaniline	ug/kg	ND	1650	09/14/11 19:20	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	09/14/11 19:20	
4-Bromophenylphenyl ether	ug/kg	ND	330	09/14/11 19:20	
4-Chloro-3-methylphenol	ug/kg	ND	660	09/14/11 19:20	
4-Chloroaniline	ug/kg	ND	1650	09/14/11 19:20	
4-Chlorophenylphenyl ether	ug/kg	ND	330	09/14/11 19:20	
4-Nitroaniline	ug/kg	ND	660	09/14/11 19:20	
4-Nitrophenol	ug/kg	ND	1650	09/14/11 19:20	
Acenaphthene	ug/kg	ND	330	09/14/11 19:20	
Acenaphthylene	ug/kg	ND	330	09/14/11 19:20	
Aniline	ug/kg	ND	330	09/14/11 19:20	
Anthracene	ug/kg	ND	330	09/14/11 19:20	
Benzo(a)anthracene	ug/kg	ND	330	09/14/11 19:20	
Benzo(a)pyrene	ug/kg	ND	330	09/14/11 19:20	
Benzo(b)fluoranthene	ug/kg	ND	330	09/14/11 19:20	
Benzo(g,h,i)perylene	ug/kg	ND	330	09/14/11 19:20	
Benzo(k)fluoranthene	ug/kg	ND	330	09/14/11 19:20	
Benzoic Acid	ug/kg	ND	1650	09/14/11 19:20	
Benzyl alcohol	ug/kg	ND	660	09/14/11 19:20	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	09/14/11 19:20	
bis(2-Chloroethyl) ether	ug/kg	ND	330	09/14/11 19:20	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	09/14/11 19:20	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	09/14/11 19:20	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 53 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

METHOD BLANK: 658712

Matrix: Solid

Associated Lab Samples: 92102073012, 92102073013, 92102073014, 92102073015, 92102073016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	ND	330	09/14/11 19:20	
Chrysene	ug/kg	ND	330	09/14/11 19:20	
Di-n-butylphthalate	ug/kg	ND	330	09/14/11 19:20	
Di-n-octylphthalate	ug/kg	ND	330	09/14/11 19:20	
Dibenz(a,h)anthracene	ug/kg	ND	330	09/14/11 19:20	
Dibenzofuran	ug/kg	ND	330	09/14/11 19:20	
Diethylphthalate	ug/kg	ND	330	09/14/11 19:20	
Dimethylphthalate	ug/kg	ND	330	09/14/11 19:20	
Fluoranthene	ug/kg	ND	330	09/14/11 19:20	
Fluorene	ug/kg	ND	330	09/14/11 19:20	
Hexachloro-1,3-butadiene	ug/kg	ND	330	09/14/11 19:20	
Hexachlorobenzene	ug/kg	ND	330	09/14/11 19:20	
Hexachlorocyclopentadiene	ug/kg	ND	330	09/14/11 19:20	
Hexachloroethane	ug/kg	ND	330	09/14/11 19:20	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	09/14/11 19:20	
Isophorone	ug/kg	ND	330	09/14/11 19:20	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	09/14/11 19:20	
N-Nitrosodimethylamine	ug/kg	ND	330	09/14/11 19:20	
N-Nitrosodiphenylamine	ug/kg	ND	330	09/14/11 19:20	
Naphthalene	ug/kg	ND	330	09/14/11 19:20	
Nitrobenzene	ug/kg	ND	330	09/14/11 19:20	
Pentachlorophenol	ug/kg	ND	1650	09/14/11 19:20	
Phenanthrene	ug/kg	ND	330	09/14/11 19:20	
Phenol	ug/kg	ND	330	09/14/11 19:20	
Pyrene	ug/kg	ND	330	09/14/11 19:20	
2,4,6-Tribromophenol (S)	%	86	27-110	09/14/11 19:20	
2-Fluorobiphenyl (S)	%	70	30-110	09/14/11 19:20	
2-Fluorophenol (S)	%	64	13-110	09/14/11 19:20	
Nitrobenzene-d5 (S)	%	58	23-110	09/14/11 19:20	
Phenol-d6 (S)	%	65	22-110	09/14/11 19:20	
Terphenyl-d14 (S)	%	70	28-110	09/14/11 19:20	

LABORATORY CONTROL SAMPLE: 658713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1340	80	39-101	
1,2-Dichlorobenzene	ug/kg	1670	1270	76	36-110	
1,3-Dichlorobenzene	ug/kg	1670	1270	76	35-110	
1,4-Dichlorobenzene	ug/kg	1670	1260	76	35-110	
1-Methylnaphthalene	ug/kg	1670	1170	70	45-105	
2,4,5-Trichlorophenol	ug/kg	1670	1240	75	48-109	
2,4,6-Trichlorophenol	ug/kg	1670	1460	88	45-111	
2,4-Dichlorophenol	ug/kg	1670	1380	83	51-116	
2,4-Dimethylphenol	ug/kg	1670	1220	73	42-103	
2,4-Dinitrophenol	ug/kg	8330	4690	56	28-103	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067  
Pace Project No.: 92102073

LABORATORY CONTROL SAMPLE: 658713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	1670	1320	79	46-114	
2,6-Dinitrotoluene	ug/kg	1670	1330	80	48-112	
2-Chloronaphthalene	ug/kg	1670	1350	81	44-105	
2-Chlorophenol	ug/kg	1670	1260	76	36-110	
2-Methylnaphthalene	ug/kg	1670	1200	72	39-112	
2-Methylphenol(o-Cresol)	ug/kg	1670	1030	62	39-101	
2-Nitroaniline	ug/kg	3330	2250	67	44-111	
2-Nitrophenol	ug/kg	1670	1290	78	41-100	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1040	62	43-103	
3,3'-Dichlorobenzidine	ug/kg	3330	2230	67	10-150	
3-Nitroaniline	ug/kg	3330	2440	73	35-110	
4,6-Dinitro-2-methylphenol	ug/kg	3330	2270	68	38-118	
4-Bromophenylphenyl ether	ug/kg	1670	1350	81	47-115	
4-Chloro-3-methylphenol	ug/kg	3330	2260	68	43-127	
4-Chloroaniline	ug/kg	3330	2340	70	34-109	
4-Chlorophenylphenyl ether	ug/kg	1670	1330	80	44-115	
4-Nitroaniline	ug/kg	3330	2560	77	37-111	
4-Nitrophenol	ug/kg	8330	5080	61	21-152	
Acenaphthene	ug/kg	1670	1260	76	38-117	
Acenaphthylene	ug/kg	1670	1300	78	46-107	
Aniline	ug/kg	1670	994	60	29-110	
Anthracene	ug/kg	1670	1370	82	50-110	
Benzo(a)anthracene	ug/kg	1670	1220	73	47-116	
Benzo(a)pyrene	ug/kg	1670	1200	72	47-106	
Benzo(b)fluoranthene	ug/kg	1670	1150	69	47-109	
Benzo(g,h,i)perylene	ug/kg	1670	1240	75	39-115	
Benzo(k)fluoranthene	ug/kg	1670	1250	75	45-117	
Benzoic Acid	ug/kg	8330	4200	50	16-110	
Benzyl alcohol	ug/kg	3330	2370	71	38-105	
bis(2-Chloroethoxy)methane	ug/kg	1670	1130	68	39-110	
bis(2-Chloroethyl) ether	ug/kg	1670	1190	71	19-119	
bis(2-Chloroisopropyl) ether	ug/kg	1670	1120	67	21-110	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1190	71	35-116	
Butylbenzylphthalate	ug/kg	1670	1230	74	38-110	
Chrysene	ug/kg	1670	1250	75	49-110	
Di-n-butylphthalate	ug/kg	1670	1310	79	43-109	
Di-n-octylphthalate	ug/kg	1670	1150	69	37-109	
Dibenz(a,h)anthracene	ug/kg	1670	1210	73	43-116	
Dibenzofuran	ug/kg	1670	1340	80	45-106	
Diethylphthalate	ug/kg	1670	1260	76	41-114	
Dimethylphthalate	ug/kg	1670	1330	80	43-110	
Fluoranthene	ug/kg	1670	1300	78	50-114	
Fluorene	ug/kg	1670	1300	78	46-114	
Hexachloro-1,3-butadiene	ug/kg	1670	1220	73	28-111	
Hexachlorobenzene	ug/kg	1670	1510	91	46-120	
Hexachlorocyclopentadiene	ug/kg	1670	1290	77	18-119	
Hexachloroethane	ug/kg	1670	1150	69	33-110	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1220	73	42-115	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 55 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave, Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

LABORATORY CONTROL SAMPLE: 658713

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isophorone	ug/kg	1670	1130	68	44-109	
N-Nitroso-di-n-propylamine	ug/kg	1670	941	56	43-104	
N-Nitrosodimethylamine	ug/kg	1670	1110	67	29-110	
N-Nitrosodiphenylamine	ug/kg	1670	1350	81	48-113	
Naphthalene	ug/kg	1670	1170	70	41-110	
Nitrobenzene	ug/kg	1670	1060	64	38-110	
Pentachlorophenol	ug/kg	3330	1760	53	32-128	
Phenanthrene	ug/kg	1670	1310	79	50-110	
Phenol	ug/kg	1670	1300	78	28-106	
Pyrene	ug/kg	1670	1260	76	45-114	
2,4,6-Tribromophenol (S)	%			97	27-110	
2-Fluorobiphenyl (S)	%			76	30-110	
2-Fluorophenol (S)	%			75	13-110	
Nitrobenzene-d5 (S)	%			63	23-110	
Phenol-d6 (S)	%			70	22-110	
Terphenyl-d14 (S)	%			78	28-110	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 56 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

QC Batch: OEXT/14838 Analysis Method: EPA 8270  
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV  
Associated Lab Samples: 92102073006, 92102073007, 92102073008, 92102073009, 92102073010

METHOD BLANK: 658898 Matrix: Water

Associated Lab Samples: 92102073006, 92102073007, 92102073008, 92102073009, 92102073010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	09/15/11 11:24	
1,2-Dichlorobenzene	ug/L	ND	10.0	09/15/11 11:24	
1,3-Dichlorobenzene	ug/L	ND	10.0	09/15/11 11:24	
1,4-Dichlorobenzene	ug/L	ND	10.0	09/15/11 11:24	
1-Methylnaphthalene	ug/L	ND	10.0	09/15/11 11:24	
2,4,5-Trichlorophenol	ug/L	ND	10.0	09/15/11 11:24	
2,4,6-Trichlorophenol	ug/L	ND	10.0	09/15/11 11:24	
2,4-Dichlorophenol	ug/L	ND	10.0	09/15/11 11:24	
2,4-Dimethylphenol	ug/L	ND	10.0	09/15/11 11:24	
2,4-Dinitrophenol	ug/L	ND	50.0	09/15/11 11:24	
2,4-Dinitrotoluene	ug/L	ND	10.0	09/15/11 11:24	
2,6-Dinitrotoluene	ug/L	ND	10.0	09/15/11 11:24	
2-Chloronaphthalene	ug/L	ND	10.0	09/15/11 11:24	
2-Chlorophenol	ug/L	ND	10.0	09/15/11 11:24	
2-Methylnaphthalene	ug/L	ND	10.0	09/15/11 11:24	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	09/15/11 11:24	
2-Nitroaniline	ug/L	ND	50.0	09/15/11 11:24	
2-Nitrophenol	ug/L	ND	10.0	09/15/11 11:24	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	09/15/11 11:24	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	09/15/11 11:24	
3-Nitroaniline	ug/L	ND	50.0	09/15/11 11:24	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	09/15/11 11:24	
4-Bromophenylphenyl ether	ug/L	ND	10.0	09/15/11 11:24	
4-Chloro-3-methylphenol	ug/L	ND	20.0	09/15/11 11:24	
4-Chloroaniline	ug/L	ND	20.0	09/15/11 11:24	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	09/15/11 11:24	
4-Nitroaniline	ug/L	ND	20.0	09/15/11 11:24	
4-Nitrophenol	ug/L	ND	50.0	09/15/11 11:24	
Acenaphthene	ug/L	ND	10.0	09/15/11 11:24	
Acenaphthylene	ug/L	ND	10.0	09/15/11 11:24	
Aniline	ug/L	ND	10.0	09/15/11 11:24	
Anthracene	ug/L	ND	10.0	09/15/11 11:24	
Benzo(a)anthracene	ug/L	ND	10.0	09/15/11 11:24	
Benzo(a)pyrene	ug/L	ND	10.0	09/15/11 11:24	
Benzo(b)fluoranthene	ug/L	ND	10.0	09/15/11 11:24	
Benzo(g,h,i)perylene	ug/L	ND	10.0	09/15/11 11:24	
Benzo(k)fluoranthene	ug/L	ND	10.0	09/15/11 11:24	
Benzoic Acid	ug/L	ND	50.0	09/15/11 11:24	
Benzyl alcohol	ug/L	ND	20.0	09/15/11 11:24	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	09/15/11 11:24	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	09/15/11 11:24	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	09/15/11 11:24	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	09/15/11 11:24	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 57 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

METHOD BLANK: 658898

Matrix: Water

Associated Lab Samples: 92102073006, 92102073007, 92102073008, 92102073009, 92102073010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/L	ND	10.0	09/15/11 11:24	
Chrysene	ug/L	ND	10.0	09/15/11 11:24	
Di-n-butylphthalate	ug/L	ND	10.0	09/15/11 11:24	
Di-n-octylphthalate	ug/L	ND	10.0	09/15/11 11:24	
Dibenz(a,h)anthracene	ug/L	ND	10.0	09/15/11 11:24	
Dibenzofuran	ug/L	ND	10.0	09/15/11 11:24	
Diethylphthalate	ug/L	ND	10.0	09/15/11 11:24	
Dimethylphthalate	ug/L	ND	10.0	09/15/11 11:24	
Fluoranthene	ug/L	ND	10.0	09/15/11 11:24	
Fluorene	ug/L	ND	10.0	09/15/11 11:24	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	09/15/11 11:24	
Hexachlorobenzene	ug/L	ND	10.0	09/15/11 11:24	
Hexachlorocyclopentadiene	ug/L	ND	10.0	09/15/11 11:24	
Hexachloroethane	ug/L	ND	10.0	09/15/11 11:24	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	09/15/11 11:24	
Isophorone	ug/L	ND	10.0	09/15/11 11:24	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	09/15/11 11:24	
N-Nitrosodimethylamine	ug/L	ND	10.0	09/15/11 11:24	
N-Nitrosodiphenylamine	ug/L	ND	10.0	09/15/11 11:24	
Naphthalene	ug/L	ND	10.0	09/15/11 11:24	
Nitrobenzene	ug/L	ND	10.0	09/15/11 11:24	
Pentachlorophenol	ug/L	ND	25.0	09/15/11 11:24	
Phenanthrene	ug/L	ND	10.0	09/15/11 11:24	
Phenol	ug/L	ND	10.0	09/15/11 11:24	
Pyrene	ug/L	ND	10.0	09/15/11 11:24	
2,4,6-Tribromophenol (S)	%	52	27-110	09/15/11 11:24	
2-Fluorobiphenyl (S)	%	55	27-110	09/15/11 11:24	
2-Fluorophenol (S)	%	33	12-110	09/15/11 11:24	
Nitrobenzene-d5 (S)	%	52	21-110	09/15/11 11:24	
Phenol-d6 (S)	%	20	10-110	09/15/11 11:24	
Terphenyl-d14 (S)	%	52	31-107	09/15/11 11:24	

LABORATORY CONTROL SAMPLE: 658899

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	23.7	47	10-110	
1,2-Dichlorobenzene	ug/L	50	26.4	53	10-110	
1,3-Dichlorobenzene	ug/L	50	25.7	51	10-110	
1,4-Dichlorobenzene	ug/L	50	25.6	51	10-110	
1-Methylnaphthalene	ug/L	50	24.5	49	21-110	
2,4,5-Trichlorophenol	ug/L	50	26.7	53	23-116	
2,4,6-Trichlorophenol	ug/L	50	29.7	59	21-114	
2,4-Dichlorophenol	ug/L	50	26.6	53	22-120	
2,4-Dimethylphenol	ug/L	50	27.7	55	15-109	
2,4-Dinitrophenol	ug/L	250	92.2	37	10-103	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 58 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

**QUALITY CONTROL DATA**

Project: SALE FORD 72117067  
Pace Project No.: 92102073

LABORATORY CONTROL SAMPLE: 658899

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/L	50	32.2	64	24-119	
2,6-Dinitrotoluene	ug/L	50	32.8	66	25-116	
2-Chloronaphthalene	ug/L	50	33.0	66	18-110	
2-Chlorophenol	ug/L	50	28.1	56	10-104	
2-Methylnaphthalene	ug/L	50	24.4	49	16-110	
2-Methylphenol(o-Cresol)	ug/L	50	24.3	49	13-110	
2-Nitroaniline	ug/L	100	65.6	66	20-117	
2-Nitrophenol	ug/L	50	24.6	49	16-108	
3&4-Methylphenol(m&p Cresol)	ug/L	50	22.3	45	14-110	
3,3'-Dichlorobenzidine	ug/L	100	62.1	62	13-131	
3-Nitroaniline	ug/L	100	65.9	66	15-117	
4,6-Dinitro-2-methylphenol	ug/L	100	58.3	58	13-119	
4-Bromophenylphenyl ether	ug/L	50	29.1	58	23-120	
4-Chloro-3-methylphenol	ug/L	100	54.0	54	21-119	
4-Chloroaniline	ug/L	100	54.7	55	10-122	
4-Chlorophenylphenyl ether	ug/L	50	30.0	60	22-112	
4-Nitroaniline	ug/L	100	65.8	66	14-118	
4-Nitrophenol	ug/L	250	77.3	31	10-110	
Acenaphthene	ug/L	50	29.3	59	20-105	
Acenaphthylene	ug/L	50	28.7	57	23-106	
Aniline	ug/L	50	25.7	51	10-110	
Anthracene	ug/L	50	30.0	60	25-120	
Benzo(a)anthracene	ug/L	50	29.0	58	21-128	
Benzo(a)pyrene	ug/L	50	27.1	54	25-116	
Benzo(b)fluoranthene	ug/L	50	28.7	57	23-117	
Benzo(g,h,i)perylene	ug/L	50	29.7	59	17-128	
Benzo(k)fluoranthene	ug/L	50	28.9	58	25-127	
Benzoic Acid	ug/L	250	12.8J	5	10-110 L2	
Benzyl alcohol	ug/L	100	52.5	53	10-101	
bis(2-Chloroethoxy)methane	ug/L	50	31.8	64	19-107	
bis(2-Chloroethyl) ether	ug/L	50	27.8	56	10-108	
bis(2-Chloroisopropyl) ether	ug/L	50	28.4	57	10-108	
bis(2-Ethylhexyl)phthalate	ug/L	50	29.3	59	16-123	
Butylbenzylphthalate	ug/L	50	30.0	60	20-118	
Chrysene	ug/L	50	29.1	58	24-125	
Di-n-butylphthalate	ug/L	50	30.3	61	23-115	
Di-n-octylphthalate	ug/L	50	27.3	55	20-115	
Dibenz(a,h)anthracene	ug/L	50	29.4	59	18-131	
Dibenzofuran	ug/L	50	30.4	61	23-106	
Diethylphthalate	ug/L	50	30.8	62	24-115	
Dimethylphthalate	ug/L	50	30.0	60	22-113	
Fluoranthene	ug/L	50	30.3	61	24-125	
Fluorene	ug/L	50	29.4	59	24-114	
Hexachloro-1,3-butadiene	ug/L	50	21.8	44	10-110	
Hexachlorobenzene	ug/L	50	28.7	57	22-127	
Hexachlorocyclopentadiene	ug/L	50	31.2	62	10-110	
Hexachloroethane	ug/L	50	28.9	58	10-110	
Indeno(1,2,3-cd)pyrene	ug/L	50	29.0	58	18-130	

Date: 09/19/2011 12:33 PM

**REPORT OF LABORATORY ANALYSIS**

Page 59 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

LABORATORY CONTROL SAMPLE: 658899

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isophorone	ug/L	50	26.9	54	23-114	
N-Nitroso-di-n-propylamine	ug/L	50	30.6	61	21-114	
N-Nitrosodimethylamine	ug/L	50	19.4	39	10-110	
N-Nitrosodiphenylamine	ug/L	50	30.6	61	24-123	
Naphthalene	ug/L	50	23.5	47	14-110	
Nitrobenzene	ug/L	50	25.3	51	16-106	
Pentachlorophenol	ug/L	100	64.1	64	10-123	
Phenanthrene	ug/L	50	29.0	58	25-119	
Phenol	ug/L	50	15.0	30	10-110	
Pyrene	ug/L	50	27.0	54	22-127	
2,4,6-Tribromophenol (S)	%			61	27-110	
2-Fluorobiphenyl (S)	%			55	27-110	
2-Fluorophenol (S)	%			38	12-110	
Nitrobenzene-d5 (S)	%			49	21-110	
Phenol-d6 (S)	%			26	10-110	
Terphenyl-d14 (S)	%			57	31-107	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 60 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

QC Batch: MSV/16656 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level  
Associated Lab Samples: 92102073006, 92102073007, 92102073008, 92102073009, 92102073010

METHOD BLANK: 658523 Matrix: Water

Associated Lab Samples: 92102073006, 92102073007, 92102073008, 92102073009, 92102073010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	09/13/11 23:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	09/13/11 23:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	09/13/11 23:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	09/13/11 23:55	
1,1-Dichloroethane	ug/L	ND	1.0	09/13/11 23:55	
1,1-Dichloroethene	ug/L	ND	1.0	09/13/11 23:55	
1,1-Dichloropropene	ug/L	ND	1.0	09/13/11 23:55	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	09/13/11 23:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	09/13/11 23:55	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	09/13/11 23:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	09/13/11 23:55	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	09/13/11 23:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	09/13/11 23:55	
1,2-Dichloroethane	ug/L	ND	1.0	09/13/11 23:55	
1,2-Dichloropropane	ug/L	ND	1.0	09/13/11 23:55	
1,3-Dichlorobenzene	ug/L	ND	1.0	09/13/11 23:55	
1,3-Dichloropropane	ug/L	ND	1.0	09/13/11 23:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	09/13/11 23:55	
2,2-Dichloropropane	ug/L	ND	1.0	09/13/11 23:55	
2-Butanone (MEK)	ug/L	ND	5.0	09/13/11 23:55	
2-Chlorotoluene	ug/L	ND	1.0	09/13/11 23:55	
2-Hexanone	ug/L	ND	5.0	09/13/11 23:55	
4-Chlorotoluene	ug/L	ND	1.0	09/13/11 23:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	09/13/11 23:55	
Acetone	ug/L	ND	25.0	09/13/11 23:55	
Benzene	ug/L	ND	1.0	09/13/11 23:55	
Bromobenzene	ug/L	ND	1.0	09/13/11 23:55	
Bromochloromethane	ug/L	ND	1.0	09/13/11 23:55	
Bromodichloromethane	ug/L	ND	1.0	09/13/11 23:55	
Bromoform	ug/L	ND	1.0	09/13/11 23:55	
Bromomethane	ug/L	ND	2.0	09/13/11 23:55	
Carbon tetrachloride	ug/L	ND	1.0	09/13/11 23:55	
Chlorobenzene	ug/L	ND	1.0	09/13/11 23:55	
Chloroethane	ug/L	ND	1.0	09/13/11 23:55	
Chloroform	ug/L	ND	1.0	09/13/11 23:55	
Chloromethane	ug/L	ND	1.0	09/13/11 23:55	
cis-1,2-Dichloroethene	ug/L	ND	1.0	09/13/11 23:55	
cis-1,3-Dichloropropene	ug/L	ND	1.0	09/13/11 23:55	
Dibromochloromethane	ug/L	ND	1.0	09/13/11 23:55	
Dibromomethane	ug/L	ND	1.0	09/13/11 23:55	
Dichlorodifluoromethane	ug/L	ND	1.0	09/13/11 23:55	
Diisopropyl ether	ug/L	ND	1.0	09/13/11 23:55	
Ethylbenzene	ug/L	ND	1.0	09/13/11 23:55	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 61 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067  
Pace Project No.: 92102073

METHOD BLANK: 658523

Matrix: Water

Associated Lab Samples: 92102073006, 92102073007, 92102073008, 92102073009, 92102073010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Hexachloro-1,3-butadiene	ug/L	ND	1.0	09/13/11 23:55	
m&p-Xylene	ug/L	ND	2.0	09/13/11 23:55	
Methyl-tert-butyl ether	ug/L	ND	1.0	09/13/11 23:55	
Methylene Chloride	ug/L	ND	2.0	09/13/11 23:55	
Naphthalene	ug/L	ND	1.0	09/13/11 23:55	
o-Xylene	ug/L	ND	1.0	09/13/11 23:55	
p-Isopropyltoluene	ug/L	ND	1.0	09/13/11 23:55	
Styrene	ug/L	ND	1.0	09/13/11 23:55	
Tetrachloroethene	ug/L	ND	1.0	09/13/11 23:55	
Toluene	ug/L	ND	1.0	09/13/11 23:55	
trans-1,2-Dichloroethene	ug/L	ND	1.0	09/13/11 23:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	09/13/11 23:55	
Trichloroethene	ug/L	ND	1.0	09/13/11 23:55	
Trichlorofluoromethane	ug/L	ND	1.0	09/13/11 23:55	
Vinyl acetate	ug/L	ND	2.0	09/13/11 23:55	
Vinyl chloride	ug/L	ND	1.0	09/13/11 23:55	
1,2-Dichloroethane-d4 (S)	%	105	70-130	09/13/11 23:55	
4-Bromofluorobenzene (S)	%	97	70-130	09/13/11 23:55	
Dibromofluoromethane (S)	%	112	70-130	09/13/11 23:55	
Toluene-d8 (S)	%	100	70-130	09/13/11 23:55	

LABORATORY CONTROL SAMPLE: 658524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.7	103	70-130	
1,1,1-Trichloroethane	ug/L	50	47.8	96	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	55.2	110	70-130	
1,1,2-Trichloroethane	ug/L	50	54.6	109	70-130	
1,1-Dichloroethane	ug/L	50	50.5	101	70-130	
1,1-Dichloroethene	ug/L	50	49.7	99	70-132	
1,1-Dichloropropene	ug/L	50	54.9	110	70-130	
1,2,3-Trichlorobenzene	ug/L	50	61.7	123	70-135	
1,2,3-Trichloropropane	ug/L	50	48.6	97	70-130	
1,2,4-Trichlorobenzene	ug/L	50	59.0	118	70-134	
1,2-Dibromo-3-chloropropane	ug/L	50	48.8	98	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.3	105	70-130	
1,2-Dichlorobenzene	ug/L	50	56.3	113	70-130	
1,2-Dichloroethane	ug/L	50	49.9	100	70-130	
1,2-Dichloropropane	ug/L	50	60.7	121	70-130	
1,3-Dichlorobenzene	ug/L	50	52.3	105	70-130	
1,3-Dichloropropane	ug/L	50	53.8	108	70-130	
1,4-Dichlorobenzene	ug/L	50	53.1	106	70-130	
2,2-Dichloropropane	ug/L	50	44.3	89	58-145	
2-Butanone (MEK)	ug/L	100	96.3	96	70-145	
2-Chlorotoluene	ug/L	50	51.5	103	70-130	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 62 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

LABORATORY CONTROL SAMPLE: 658524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Hexanone	ug/L	100	89.4	89	70-144	
4-Chlorotoluene	ug/L	50	53.4	107	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.0	98	70-140	
Acetone	ug/L	100	92.1	92	50-175	
Benzene	ug/L	50	56.4	113	70-130	
Bromobenzene	ug/L	50	46.5	93	70-130	
Bromochloromethane	ug/L	50	50.4	101	70-130	
Bromodichloromethane	ug/L	50	53.1	106	70-130	
Bromoform	ug/L	50	42.9	86	70-130	
Bromomethane	ug/L	50	59.8	120	54-130	
Carbon tetrachloride	ug/L	50	48.9	98	70-132	
Chlorobenzene	ug/L	50	53.3	107	70-130	
Chloroethane	ug/L	50	63.7	127	64-134	
Chloroform	ug/L	50	50.8	102	70-130	
Chloromethane	ug/L	50	48.3	97	64-130	
cis-1,2-Dichloroethene	ug/L	50	46.6	93	70-131	
cis-1,3-Dichloropropene	ug/L	50	55.5	111	70-130	
Dibromochloromethane	ug/L	50	48.3	97	70-130	
Dibromomethane	ug/L	50	52.7	105	70-131	
Dichlorodifluoromethane	ug/L	50	56.5	113	56-130	
Diisopropyl ether	ug/L	50	55.1	110	70-130	
Ethylbenzene	ug/L	50	55.7	111	70-130	
Hexachloro-1,3-butadiene	ug/L	50	57.6	115	70-130	
m&p-Xylene	ug/L	100	117	117	70-130	
Methyl-tert-butyl ether	ug/L	50	53.2	106	70-130	
Methylene Chloride	ug/L	50	56.5	113	63-130	
Naphthalene	ug/L	50	63.6	127	70-138	
o-Xylene	ug/L	50	53.6	107	70-130	
p-Isopropyltoluene	ug/L	50	53.0	106	70-130	
Styrene	ug/L	50	55.7	111	70-130	
Tetrachloroethene	ug/L	50	51.3	103	70-130	
Toluene	ug/L	50	58.6	117	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.7	97	70-130	
trans-1,3-Dichloropropene	ug/L	50	54.4	109	70-132	
Trichloroethene	ug/L	50	59.4	119	70-130	
Trichlorofluoromethane	ug/L	50	48.9	98	62-133	
Vinyl acetate	ug/L	100	97.9	98	66-157	
Vinyl chloride	ug/L	50	62.4	125	69-130	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			93	70-130	
Toluene-d8 (S)	%			105	70-130	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 63 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave., Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

Parameter	Units	Result	MS		MSD		MS		MSD		% Rec		
			92101852006	Spike	Conc.	MS	Result	MSD	Result	% Rec	Limits	RPD	Qual
				Conc.	Conc.	Result	% Rec	RPD	Qual				
1,1-Dichloroethene	ug/L	ND	50	50	52.3	52.3	105	105	70-166	0			
Benzene	ug/L	ND	50	50	53.6	54.2	107	108	70-148	1			
Chlorobenzene	ug/L	ND	50	50	53.8	54.8	108	110	70-146	2			
Toluene	ug/L	ND	50	50	54.8	55.3	110	111	70-155	1			
Trichloroethene	ug/L	ND	50	50	48.5	49.4	97	99	69-151	2			
1,2-Dichloroethane-d4 (S)	%						101	104	70-130				
4-Bromofluorobenzene (S)	%						97	102	70-130				
Dibromofluoromethane (S)	%						105	108	70-130				
Toluene-d8 (S)	%						96	96	70-130				



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067  
Pace Project No.: 92102073

QC Batch: MSV/16642 Analysis Method: EPA 8260  
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics  
Associated Lab Samples: 92102073012, 92102073013, 92102073014, 92102073015, 92102073016

METHOD BLANK: 658438 Matrix: Solid

Associated Lab Samples: 92102073012, 92102073013, 92102073014, 92102073015, 92102073016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	6.3	09/12/11 11:20	
1,1,1-Trichloroethane	ug/kg	ND	6.3	09/12/11 11:20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	6.3	09/12/11 11:20	
1,1,2-Trichloroethane	ug/kg	ND	6.3	09/12/11 11:20	
1,1-Dichloroethane	ug/kg	ND	6.3	09/12/11 11:20	
1,1-Dichloroethene	ug/kg	ND	6.3	09/12/11 11:20	
1,1-Dichloropropene	ug/kg	ND	6.3	09/12/11 11:20	
1,2,3-Trichlorobenzene	ug/kg	ND	6.3	09/12/11 11:20	
1,2,3-Trichloropropane	ug/kg	ND	6.3	09/12/11 11:20	
1,2,4-Trichlorobenzene	ug/kg	ND	6.3	09/12/11 11:20	
1,2,4-Trimethylbenzene	ug/kg	ND	6.3	09/12/11 11:20	
1,2-Dibromo-3-chloropropane	ug/kg	ND	6.3	09/12/11 11:20	
1,2-Dibromoethane (EDB)	ug/kg	ND	6.3	09/12/11 11:20	
1,2-Dichlorobenzene	ug/kg	ND	6.3	09/12/11 11:20	
1,2-Dichloroethane	ug/kg	ND	6.3	09/12/11 11:20	
1,2-Dichloropropane	ug/kg	ND	6.3	09/12/11 11:20	
1,3,5-Trimethylbenzene	ug/kg	ND	6.3	09/12/11 11:20	
1,3-Dichlorobenzene	ug/kg	ND	6.3	09/12/11 11:20	
1,3-Dichloropropane	ug/kg	ND	6.3	09/12/11 11:20	
1,4-Dichlorobenzene	ug/kg	ND	6.3	09/12/11 11:20	
2,2-Dichloropropane	ug/kg	ND	6.3	09/12/11 11:20	
2-Butanone (MEK)	ug/kg	ND	127	09/12/11 11:20	
2-Chlorotoluene	ug/kg	ND	6.3	09/12/11 11:20	
2-Hexanone	ug/kg	ND	63.3	09/12/11 11:20	
4-Chlorotoluene	ug/kg	ND	6.3	09/12/11 11:20	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	63.3	09/12/11 11:20	
Acetone	ug/kg	ND	127	09/12/11 11:20	
Benzene	ug/kg	ND	6.3	09/12/11 11:20	
Bromobenzene	ug/kg	ND	6.3	09/12/11 11:20	
Bromochloromethane	ug/kg	ND	6.3	09/12/11 11:20	
Bromodichloromethane	ug/kg	ND	6.3	09/12/11 11:20	
Bromoform	ug/kg	ND	6.3	09/12/11 11:20	
Bromomethane	ug/kg	ND	12.7	09/12/11 11:20	
Carbon tetrachloride	ug/kg	ND	6.3	09/12/11 11:20	
Chlorobenzene	ug/kg	ND	6.3	09/12/11 11:20	
Chloroethane	ug/kg	ND	12.7	09/12/11 11:20	
Chloroform	ug/kg	ND	6.3	09/12/11 11:20	
Chloromethane	ug/kg	ND	12.7	09/12/11 11:20	
cis-1,2-Dichloroethene	ug/kg	ND	6.3	09/12/11 11:20	
cis-1,3-Dichloropropene	ug/kg	ND	6.3	09/12/11 11:20	
Dibromochloromethane	ug/kg	ND	6.3	09/12/11 11:20	
Dibromomethane	ug/kg	ND	6.3	09/12/11 11:20	
Dichlorodifluoromethane	ug/kg	ND	12.7	09/12/11 11:20	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 65 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..

## QUALITY CONTROL DATA

Project: SALE FORD 72117067  
Pace Project No.: 92102073

METHOD BLANK: 658438

Matrix: Solid

Associated Lab Samples: 92102073012, 92102073013, 92102073014, 92102073015, 92102073016

Parameter	Units	Blank Result	Reporting Limit		Qualifiers
			Analyzed		
Diisopropyl ether	ug/kg	ND	6.3	09/12/11 11:20	
Ethylbenzene	ug/kg	ND	6.3	09/12/11 11:20	
Hexachloro-1,3-butadiene	ug/kg	ND	6.3	09/12/11 11:20	
Isopropylbenzene (Cumene)	ug/kg	ND	6.3	09/12/11 11:20	
m&p-Xylene	ug/kg	ND	12.7	09/12/11 11:20	
Methyl-tert-butyl ether	ug/kg	ND	6.3	09/12/11 11:20	
Methylene Chloride	ug/kg	ND	25.3	09/12/11 11:20	
n-Butylbenzene	ug/kg	ND	6.3	09/12/11 11:20	
n-Propylbenzene	ug/kg	ND	6.3	09/12/11 11:20	
Naphthalene	ug/kg	ND	6.3	09/12/11 11:20	
o-Xylene	ug/kg	ND	6.3	09/12/11 11:20	
p-Isopropyltoluene	ug/kg	ND	6.3	09/12/11 11:20	
sec-Butylbenzene	ug/kg	ND	6.3	09/12/11 11:20	
Styrene	ug/kg	ND	6.3	09/12/11 11:20	
tert-Butylbenzene	ug/kg	ND	6.3	09/12/11 11:20	
Tetrachloroethene	ug/kg	ND	6.3	09/12/11 11:20	
Toluene	ug/kg	ND	6.3	09/12/11 11:20	
trans-1,2-Dichloroethene	ug/kg	ND	6.3	09/12/11 11:20	
trans-1,3-Dichloropropene	ug/kg	ND	6.3	09/12/11 11:20	
Trichloroethene	ug/kg	ND	6.3	09/12/11 11:20	
Trichlorofluoromethane	ug/kg	ND	6.3	09/12/11 11:20	
Vinyl acetate	ug/kg	ND	63.3	09/12/11 11:20	
Vinyl chloride	ug/kg	ND	12.7	09/12/11 11:20	
Xylene (Total)	ug/kg	ND	12.7	09/12/11 11:20	
1,2-Dichloroethane-d4 (S)	%	109	70-132	09/12/11 11:20	
4-Bromofluorobenzene (S)	%	95	70-130	09/12/11 11:20	
Dibromofluoromethane (S)	%	104	70-130	09/12/11 11:20	
Toluene-d8 (S)	%	103	70-130	09/12/11 11:20	

LABORATORY CONTROL SAMPLE: 658439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	63.9	68.5	107	70-131	
1,1,1-Trichloroethane	ug/kg	63.9	66.5	104	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	63.9	71.1	111	70-130	
1,1,2-Trichloroethane	ug/kg	63.9	66.1	103	70-132	
1,1-Dichloroethane	ug/kg	63.9	65.9	103	70-143	
1,1-Dichloroethene	ug/kg	63.9	65.5	103	70-137	
1,1-Dichloropropene	ug/kg	63.9	67.6	106	70-135	
1,2,3-Trichlorobenzene	ug/kg	63.9	66.8	105	69-153	
1,2,3-Trichloropropane	ug/kg	63.9	67.9	106	70-130	
1,2,4-Trichlorobenzene	ug/kg	63.9	65.1	102	55-171	
1,2,4-Trimethylbenzene	ug/kg	63.9	67.4	105	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	63.9	66.3	104	68-141	
1,2-Dibromoethane (EDB)	ug/kg	63.9	68.9	108	70-130	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 66 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

LABORATORY CONTROL SAMPLE: 658439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	63.9	66.6	104	70-140	
1,2-Dichloroethane	ug/kg	63.9	72.2	113	70-137	
1,2-Dichloropropane	ug/kg	63.9	67.3	105	70-133	
1,3,5-Trimethylbenzene	ug/kg	63.9	66.4	104	70-143	
1,3-Dichlorobenzene	ug/kg	63.9	67.1	105	70-144	
1,3-Dichloropropane	ug/kg	63.9	70.1	110	70-132	
1,4-Dichlorobenzene	ug/kg	63.9	64.7	101	70-142	
2,2-Dichloropropane	ug/kg	63.9	69.4	108	68-152	
2-Butanone (MEK)	ug/kg	128	149	116	70-149	
2-Chlorotoluene	ug/kg	63.9	67.2	105	70-141	
2-Hexanone	ug/kg	128	161	126	70-149	
4-Chlorotoluene	ug/kg	63.9	70.0	109	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	128	150	118	70-153	
Acetone	ug/kg	128	177	138	70-157	
Benzene	ug/kg	63.9	67.9	106	70-130	
Bromobenzene	ug/kg	63.9	67.3	105	70-141	
Bromo(chloromethane	ug/kg	63.9	69.0	108	70-149	
Bromodichloromethane	ug/kg	63.9	68.5	107	70-130	
Bromoform	ug/kg	63.9	72.9	114	70-131	
Bromomethane	ug/kg	63.9	78.8	123	64-136 F3	
Carbon tetrachloride	ug/kg	63.9	69.5	109	70-154	
Chlorobenzene	ug/kg	63.9	67.8	106	70-135	
Chloroethane	ug/kg	63.9	67.3	105	68-151	
Chloroform	ug/kg	63.9	71.6	112	70-130	
Chloromethane	ug/kg	63.9	61.2	96	70-132	
cis-1,2-Dichloroethene	ug/kg	63.9	63.9	100	70-140	
cis-1,3-Dichloropropene	ug/kg	63.9	69.4	108	70-137	
Dibromochloromethane	ug/kg	63.9	71.2	111	70-130	
Dibromomethane	ug/kg	63.9	70.4	110	70-136	
Dichlorodifluoromethane	ug/kg	63.9	53.6	84	36-148	
Diisopropyl ether	ug/kg	63.9	70.2	110	70-139	
Ethylbenzene	ug/kg	63.9	67.2	105	70-137	
Hexachloro-1,3-butadiene	ug/kg	63.9	65.6	103	70-145	
Isopropylbenzene (Cumene)	ug/kg	63.9	62.7	98	70-141	
m&p-Xylene	ug/kg	128	134	105	70-140	
Methyl-tert-butyl ether	ug/kg	63.9	71.7	112	45-150	
Methylene Chloride	ug/kg	63.9	74.1	116	70-133	
n-Butylbenzene	ug/kg	63.9	67.5	106	65-155	
n-Propylbenzene	ug/kg	63.9	67.0	105	70-148	
Naphthalene	ug/kg	63.9	70.0	109	70-148	
o-Xylene	ug/kg	63.9	66.8	104	70-141	
p-Isopropyltoluene	ug/kg	63.9	66.7	104	70-148	
sec-Butylbenzene	ug/kg	63.9	65.3	102	70-145	
Styrene	ug/kg	63.9	71.6	112	70-138	
tert-Butylbenzene	ug/kg	63.9	68.4	107	70-143	
Tetrachloroethene	ug/kg	63.9	65.2	102	70-140	
Toluene	ug/kg	63.9	65.6	103	70-130	
trans-1,2-Dichloroethene	ug/kg	63.9	63.5	99	70-136	

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 67 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067  
Pace Project No.: 92102073

LABORATORY CONTROL SAMPLE: 658439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	63.9	73.7	115	70-138	
Trichloroethene	ug/kg	63.9	70.8	111	70-132	
Trichlorofluoromethane	ug/kg	63.9	64.9	102	69-134	
Vinyl acetate	ug/kg	128	155	121	24-161	
Vinyl chloride	ug/kg	63.9	63.1	99	55-140	
Xylene (Total)	ug/kg	192	201	105	70-141	
1,2-Dichloroethane-d4 (S)	%			103	70-132	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			103	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 658757

Parameter	Units	92102077008 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	41.2	37.3	90	49-180	
Benzene	ug/kg	ND	41.2	38.0	92	50-166	
Chlorobenzene	ug/kg	ND	41.2	37.6	91	43-169	
Toluene	ug/kg	ND	41.2	37.5	91	52-163	
Trichloroethene	ug/kg	ND	41.2	37.0	90	49-167	
1,2-Dichloroethane-d4 (S)	%				120	70-132	
4-Bromofluorobenzene (S)	%				97	70-130	
Dibromofluoromethane (S)	%				109	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 658756

Parameter	Units	92102073012 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,1-Trichloroethane	ug/kg	ND	ND		
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,2-Trichloroethane	ug/kg	ND	ND		
1,1-Dichloroethane	ug/kg	ND	ND		
1,1-Dichloroethene	ug/kg	ND	ND		
1,1-Dichloropropene	ug/kg	ND	ND		
1,2,3-Trichlorobenzene	ug/kg	ND	ND		
1,2,3-Trichloropropane	ug/kg	ND	ND		
1,2,4-Trichlorobenzene	ug/kg	ND	ND		
1,2,4-Trimethylbenzene	ug/kg	ND	ND		
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		
1,2-Dichlorobenzene	ug/kg	ND	ND		
1,2-Dichloroethane	ug/kg	ND	ND		
1,2-Dichloropropane	ug/kg	ND	ND		
1,3,5-Trimethylbenzene	ug/kg	ND	ND		
1,3-Dichlorobenzene	ug/kg	ND	ND		

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 68 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

SAMPLE DUPLICATE: 658756

Parameter	Units	92102073012 Result	Dup Result	RPD	Qualifiers
1,3-Dichloropropane	ug/kg	ND	ND		
1,4-Dichlorobenzene	ug/kg	ND	ND		
2,2-Dichloropropane	ug/kg	ND	ND		
2-Butanone (MEK)	ug/kg	ND	ND		
2-Chlorotoluene	ug/kg	ND	ND		
2-Hexanone	ug/kg	ND	ND		
4-Chlorotoluene	ug/kg	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		
Acetone	ug/kg	ND	ND		
Benzene	ug/kg	ND	ND		
Bromobenzene	ug/kg	ND	ND		
Bromochloromethane	ug/kg	ND	ND		
Bromodichloromethane	ug/kg	ND	ND		
Bromoform	ug/kg	ND	ND		
Bromomethane	ug/kg	ND	ND		
Carbon tetrachloride	ug/kg	ND	ND		
Chlorobenzene	ug/kg	ND	ND		
Chloroethane	ug/kg	ND	ND		
Chloroform	ug/kg	ND	ND		
Chloromethane	ug/kg	ND	ND		
cis-1,2-Dichloroethene	ug/kg	ND	ND		
cis-1,3-Dichloropropene	ug/kg	ND	ND		
Dibromochloromethane	ug/kg	ND	ND		
Dibromomethane	ug/kg	ND	ND		
Dichlorodifluoromethane	ug/kg	ND	ND		
Diisopropyl ether	ug/kg	ND	ND		
Ethylbenzene	ug/kg	ND	ND		
Hexachloro-1,3-butadiene	ug/kg	ND	ND		
Isopropylbenzene (Cumene)	ug/kg	ND	ND		
m&p-Xylene	ug/kg	ND	ND		
Methyl-tert-butyl ether	ug/kg	ND	ND		
Methylene Chloride	ug/kg	ND	ND		
n-Butylbenzene	ug/kg	ND	ND		
n-Propylbenzene	ug/kg	ND	ND		
Naphthalene	ug/kg	ND	ND		
o-Xylene	ug/kg	ND	ND		
p-Isopropyltoluene	ug/kg	ND	ND		
sec-Butylbenzene	ug/kg	ND	ND		
Styrene	ug/kg	ND	ND		
tert-Butylbenzene	ug/kg	ND	ND		
Tetrachloroethene	ug/kg	ND	ND		
Toluene	ug/kg	ND	ND		
trans-1,2-Dichloroethene	ug/kg	ND	ND		
trans-1,3-Dichloropropene	ug/kg	ND	ND		
Trichloroethene	ug/kg	ND	ND		
Trichlorofluoromethane	ug/kg	ND	ND		
Vinyl acetate	ug/kg	ND	ND		
Vinyl chloride	ug/kg	ND	ND		

Date: 09/19/2011 12:33 PM

## REPORT OF LABORATORY ANALYSIS

Page 69 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

SAMPLE DUPLICATE: 658756

Parameter	Units	Result	Dup Result	RPD	Qualifiers
Xylene (Total)	ug/kg	ND	ND		
1,2-Dichloroethane-d4 (S)	%	113	106	3	
4-Bromofluorobenzene (S)	%	90	92	10	
Dibromofluoromethane (S)	%	111	102	1	
Toluene-d8 (S)	%	101	99	6	



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALITY CONTROL DATA

Project: SALE FORD 72117067

Pace Project No.: 92102073

QC Batch:	PMST/4176	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples:	92102073001, 92102073002, 92102073003, 92102073004, 92102073005, 92102073011, 92102073012, 92102073013, 92102073014, 92102073015, 92102073016		

SAMPLE DUPLICATE: 658367

Parameter	Units	Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	21.7	22.2	2	

SAMPLE DUPLICATE: 658368

Parameter	Units	Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	16.5	17.3	4	



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kinney Ave., Suite 100  
Huntersville, NC 28078  
(704)875-9092

## QUALIFIERS

Project: SALE FORD 72117067

Pace Project No.: 92102073

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

### LABORATORIES

PASI-A Pace Analytical Services - Asheville

PASI-C Pace Analytical Services - Charlotte

### ANALYTE QUALIFIERS

C9 Common Laboratory Contaminant.

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

F3 The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.

IO The internal standard response was outside the laboratory acceptance limits confirmed by reanalysis. The results reported are from the most QC compliant analysis.

L2 Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.

S0 Surrogate recovery outside laboratory control limits.

S2 Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

S4 Surrogate recovery not evaluated against control limits due to sample dilution.



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SALE FORD 72117067  
Pace Project No.: 92102073

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92102073001	SB-2	EPA 3546	OEXT/14823	EPA 8015 Modified	GCSV/10451
92102073002	SB-3	EPA 3546	OEXT/14823	EPA 8015 Modified	GCSV/10451
92102073003	SB-7	EPA 3546	OEXT/14823	EPA 8015 Modified	GCSV/10451
92102073004	SB-10	EPA 3546	OEXT/14823	EPA 8015 Modified	GCSV/10451
92102073005	SB-12	EPA 3546	OEXT/14823	EPA 8015 Modified	GCSV/10451
92102073011	SOIL PILE	EPA 3546	OEXT/14823	EPA 8015 Modified	GCSV/10451
92102073001	SB-2	9071B	GCSV/10461	9071B	GCSV/10467
92102073002	SB-3	9071B	GCSV/10461	9071B	GCSV/10467
92102073003	SB-7	9071B	GCSV/10461	9071B	GCSV/10467
92102073004	SB-10	9071B	GCSV/10461	9071B	GCSV/10467
92102073005	SB-12	9071B	GCSV/10461	9071B	GCSV/10467
92102073011	SOIL PILE	9071B	GCSV/10461	9071B	GCSV/10467
92102073001	SB-2	9071B	GCSV/10462	9071B	GCSV/10468
92102073002	SB-3	9071B	GCSV/10462	9071B	GCSV/10468
92102073003	SB-7	9071B	GCSV/10462	9071B	GCSV/10468
92102073004	SB-10	9071B	GCSV/10462	9071B	GCSV/10468
92102073005	SB-12	9071B	GCSV/10462	9071B	GCSV/10468
92102073011	SOIL PILE	9071B	GCSV/10462	9071B	GCSV/10468
92102073001	SB-2	EPA 5035A/5030B	GCV/5354	EPA 8015 Modified	GCV/5355
92102073002	SB-3	EPA 5035A/5030B	GCV/5354	EPA 8015 Modified	GCV/5355
92102073003	SB-7	EPA 5035A/5030B	GCV/5354	EPA 8015 Modified	GCV/5355
92102073004	SB-10	EPA 5035A/5030B	GCV/5354	EPA 8015 Modified	GCV/5355
92102073005	SB-12	EPA 5035A/5030B	GCV/5354	EPA 8015 Modified	GCV/5355
92102073011	SOIL PILE	EPA 5035A/5030B	GCV/5354	EPA 8015 Modified	GCV/5360
92102073011	SOIL PILE	EPA 3010	MPRP/9047	EPA 6010	ICP/8360
92102073011	SOIL PILE	EPA 7470	MERP/3741	EPA 7470	MERC/3682
92102073012	SW-1	EPA 3546	OEXT/14829	EPA 8270	MSSV/5456
92102073013	SW-2	EPA 3546	OEXT/14829	EPA 8270	MSSV/5456
92102073014	SW-3	EPA 3546	OEXT/14829	EPA 8270	MSSV/5456
92102073015	SW-4	EPA 3546	OEXT/14829	EPA 8270	MSSV/5456
92102073016	BASIN	EPA 3546	OEXT/14829	EPA 8270	MSSV/5456
92102073006	GW-1	EPA 3510	OEXT/14838	EPA 8270	MSSV/5466
92102073007	GW-2	EPA 3510	OEXT/14838	EPA 8270	MSSV/5466
92102073008	GW-3	EPA 3510	OEXT/14838	EPA 8270	MSSV/5466
92102073009	GW-4	EPA 3510	OEXT/14838	EPA 8270	MSSV/5466
92102073010	GW-5	EPA 3510	OEXT/14838	EPA 8270	MSSV/5466
92102073006	GW-1	EPA 8260	MSV/16656		
92102073007	GW-2	EPA 8260	MSV/16656		
92102073008	GW-3	EPA 8260	MSV/16656		
92102073009	GW-4	EPA 8260	MSV/16656		
92102073010	GW-5	EPA 8260	MSV/16656		
92102073012	SW-1	EPA 8260	MSV/16642		
92102073013	SW-2	EPA 8260	MSV/16642		
92102073014	SW-3	EPA 8260	MSV/16642		

Date: 09/19/2011 12:33 PM

### REPORT OF LABORATORY ANALYSIS

Page 73 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



Pace Analytical Services, Inc.  
205 East Meadow Road - Suite A  
Eden, NC 27288  
(336)623-8921

Pace Analytical Services, Inc.  
2225 Riverside Dr.  
Asheville, NC 28804  
(828)254-7176

Pace Analytical Services, Inc.  
9800 Kincey Ave. Suite 100  
Huntersville, NC 28078  
(704)875-9092

### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SALE FORD 72117067

Pace Project No.: 92102073

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92102073015	SW-4	EPA 8260	MSV/16642		
92102073016	BASIN	EPA 8260	MSV/16642		
92102073001	SB-2	ASTM D2974-87	PMST/4176		
92102073002	SB-3	ASTM D2974-87	PMST/4176		
92102073003	SB-7	ASTM D2974-87	PMST/4176		
92102073004	SB-10	ASTM D2974-87	PMST/4176		
92102073005	SB-12	ASTM D2974-87	PMST/4176		
92102073011	SOIL PILE	ASTM D2974-87	PMST/4176		
92102073012	SW-1	ASTM D2974-87	PMST/4176		
92102073013	SW-2	ASTM D2974-87	PMST/4176		
92102073014	SW-3	ASTM D2974-87	PMST/4176		
92102073015	SW-4	ASTM D2974-87	PMST/4176		
92102073016	BASIN	ASTM D2974-87	PMST/4176		

Date: 09/19/2011 12:33 PM

### REPORT OF LABORATORY ANALYSIS

Page 74 of 74

This report shall not be reproduced, except in full,  
without the written consent of Pace Analytical Services, Inc..



www.pacelabs.com

## CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company: <u>Pestac On</u> Address: <u>314 Beacon Dr.</u> Email To: <u>harmcoll@pestac-on.com</u> Phone: <u>(342) - 343 - 1600</u> Requested Due Date/TAT: <u>5 day</u>		Report To: <u>Allen M Goll</u> Copy To: Purchase Order No.: Project Name: <u>Sale Ford</u> Project Number: <u>72117067</u>		Attention: <u>Scenes</u> Company Name: <u>A + B</u> Address: <u>Pace Quote Reference:</u> Pace Project Manager: <u>Kevin Harting</u> Pace Profile #: <u>MIC</u> Site Location: <u>NC</u> State: <u>NC</u>	
				REGULATORY AGENCY <input type="checkbox"/> NPDES <input checked="" type="checkbox"/> GROUND WATER <input type="checkbox"/> DRINKING WATER <input type="checkbox"/> UST <input type="checkbox"/> RCRA <input type="checkbox"/> OTHER	
				Residual Chlorine (Y/N)	
				9202013	
				Requested Analysis Filtered (Y/N)	
				<input checked="" type="checkbox"/> Preservatives <input checked="" type="checkbox"/> Acetone <input checked="" type="checkbox"/> Benzene <input checked="" type="checkbox"/> Butyl <input checked="" type="checkbox"/> Chloroform <input checked="" type="checkbox"/> Ethanol <input checked="" type="checkbox"/> Ethylene Glycol <input checked="" type="checkbox"/> Formaldehyde <input checked="" type="checkbox"/> Gasoline <input checked="" type="checkbox"/> Glucose <input checked="" type="checkbox"/> Hexane <input checked="" type="checkbox"/> Isopropanol <input checked="" type="checkbox"/> Methanol <input checked="" type="checkbox"/> NaOH <input checked="" type="checkbox"/> HCl <input checked="" type="checkbox"/> HNO3 <input checked="" type="checkbox"/> H2SO4 <input checked="" type="checkbox"/> Urpreserved <input checked="" type="checkbox"/> Other	
				Pace Project No./Lab ID. <u>201</u> <u>202</u> <u>203</u> <u>204</u> <u>205</u> <u>206</u> <u>207</u> <u>208</u> <u>209</u> <u>210</u> <u>211</u> <u>212</u> <u>213</u> <u>214</u> <u>215</u> <u>216</u> <u>217</u> <u>218</u> <u>219</u> <u>220</u> <u>221</u> <u>222</u> <u>223</u> <u>224</u> <u>225</u> <u>226</u> <u>227</u> <u>228</u> <u>229</u> <u>230</u> <u>231</u> <u>232</u> <u>233</u> <u>234</u> <u>235</u> <u>236</u> <u>237</u> <u>238</u> <u>239</u> <u>240</u> <u>241</u> <u>242</u> <u>243</u> <u>244</u> <u>245</u> <u>246</u> <u>247</u> <u>248</u> <u>249</u> <u>250</u> <u>251</u> <u>252</u> <u>253</u> <u>254</u> <u>255</u> <u>256</u> <u>257</u> <u>258</u> <u>259</u> <u>260</u> <u>261</u> <u>262</u> <u>263</u> <u>264</u> <u>265</u> <u>266</u> <u>267</u> <u>268</u> <u>269</u> <u>270</u> <u>271</u> <u>272</u> <u>273</u> <u>274</u> <u>275</u> <u>276</u> <u>277</u> <u>278</u> <u>279</u> <u>280</u> <u>281</u> <u>282</u> <u>283</u> <u>284</u> <u>285</u> <u>286</u> <u>287</u> <u>288</u> <u>289</u> <u>290</u> <u>291</u> <u>292</u> <u>293</u> <u>294</u> <u>295</u> <u>296</u> <u>297</u> <u>298</u> <u>299</u> <u>200</u> <u>201</u> <u>202</u> <u>203</u> <u>204</u> <u>205</u> <u>206</u> <u>207</u> <u>208</u> <u>209</u> <u>2010</u> <u>2011</u> <u>2012</u> <u>2013</u> <u>2014</u> <u>2015</u> <u>2016</u> <u>2017</u> <u>2018</u> <u>2019</u> <u>2020</u> <u>2021</u> <u>2022</u> <u>2023</u> <u>2024</u> <u>2025</u> <u>2026</u> <u>2027</u> <u>2028</u> <u>2029</u> <u>2030</u> <u>2031</u> <u>2032</u> <u>2033</u> <u>2034</u> <u>2035</u> <u>2036</u> <u>2037</u> <u>2038</u> <u>2039</u> <u>2040</u> <u>2041</u> <u>2042</u> <u>2043</u> <u>2044</u> <u>2045</u> <u>2046</u> <u>2047</u> <u>2048</u> <u>2049</u> <u>2050</u> <u>2051</u> <u>2052</u> <u>2053</u> <u>2054</u> <u>2055</u> <u>2056</u> <u>2057</u> <u>2058</u> <u>2059</u> <u>2060</u> <u>2061</u> <u>2062</u> <u>2063</u> <u>2064</u> <u>2065</u> <u>2066</u> <u>2067</u> <u>2068</u> <u>2069</u> <u>2070</u> <u>2071</u> <u>2072</u> <u>2073</u> <u>2074</u> <u>2075</u> <u>2076</u> <u>2077</u> <u>2078</u> <u>2079</u> <u>2080</u> <u>2081</u> <u>2082</u> <u>2083</u> <u>2084</u> <u>2085</u> <u>2086</u> <u>2087</u> <u>2088</u> <u>2089</u> <u>2090</u> <u>2091</u> <u>2092</u> <u>2093</u> <u>2094</u> <u>2095</u> <u>2096</u> <u>2097</u> <u>2098</u> <u>2099</u> <u>20100</u> <u>20101</u> <u>20102</u> <u>20103</u> <u>20104</u> <u>20105</u> <u>20106</u> <u>20107</u> <u>20108</u> <u>20109</u> <u>20110</u> <u>20111</u> <u>20112</u> <u>20113</u> <u>20114</u> <u>20115</u> <u>20116</u> <u>20117</u> <u>20118</u> <u>20119</u> <u>20120</u> <u>20121</u> <u>20122</u> <u>20123</u> <u>20124</u> <u>20125</u> <u>20126</u> <u>20127</u> <u>20128</u> <u>20129</u> <u>20130</u> <u>20131</u> <u>20132</u> <u>20133</u> <u>20134</u> <u>20135</u> <u>20136</u> <u>20137</u> <u>20138</u> <u>20139</u> <u>20140</u> <u>20141</u> <u>20142</u> <u>20143</u> <u>20144</u> <u>20145</u> <u>20146</u> <u>20147</u> <u>20148</u> <u>20149</u> <u>20150</u> <u>20151</u> <u>20152</u> <u>20153</u> <u>20154</u> <u>20155</u> <u>20156</u> <u>20157</u> <u>20158</u> <u>20159</u> <u>20160</u> <u>20161</u> <u>20162</u> <u>20163</u> <u>20164</u> <u>20165</u> <u>20166</u> <u>20167</u> <u>20168</u> <u>20169</u> <u>20170</u> <u>20171</u> <u>20172</u> <u>20173</u> <u>20174</u> <u>20175</u> <u>20176</u> <u>20177</u> <u>20178</u> <u>20179</u> <u>20180</u> <u>20181</u> <u>20182</u> <u>20183</u> <u>20184</u> <u>20185</u> <u>20186</u> <u>20187</u> <u>20188</u> <u>20189</u> <u>20190</u> <u>20191</u> <u>20192</u> <u>20193</u> <u>20194</u> <u>20195</u> <u>20196</u> <u>20197</u> <u>20198</u> <u>20199</u> <u>20100</u> <u>20101</u> <u>20102</u> <u>20103</u> <u>20104</u> <u>20105</u> <u>20106</u> <u>20107</u> <u>20108</u> <u>20109</u> <u>20110</u> <u>20111</u> <u>20112</u> <u>20113</u> <u>20114</u> <u>20115</u> <u>20116</u> <u>20117</u> <u>20118</u> <u>20119</u> <u>20120</u> <u>20121</u> <u>20122</u> <u>20123</u> <u>20124</u> <u>20125</u> <u>20126</u> <u>20127</u> <u>20128</u> <u>20129</u> <u>20130</u> <u>20131</u> <u>20132</u> <u>20133</u> <u>20134</u> <u>20135</u> <u>20136</u> <u>20137</u> <u>20138</u> <u>20139</u> <u>20140</u> <u>20141</u> <u>20142</u> <u>20143</u> <u>20144</u> <u>20145</u> <u>20146</u> <u>20147</u> <u>20148</u> <u>20149</u> <u>20150</u> <u>20151</u> <u>20152</u> <u>20153</u> <u>20154</u> <u>20155</u> <u>20156</u> <u>20157</u> <u>20158</u> <u>20159</u> <u>20160</u> <u>20161</u> <u>20162</u> <u>20163</u> <u>20164</u> <u>20165</u> <u>20166</u> <u>20167</u> <u>20168</u> <u>20169</u> <u>20170</u> <u>20171</u> <u>20172</u> <u>20173</u> <u>20174</u> <u>20175</u> <u>20176</u> <u>20177</u> <u>20178</u> <u>20179</u> <u>20180</u> <u>20181</u> <u>20182</u> <u>20183</u> <u>20184</u> <u>20185</u> <u>20186</u> <u>20187</u> <u>20188</u> <u>20189</u> <u>20190</u> <u>20191</u> <u>20192</u> <u>20193</u> <u>20194</u> <u>20195</u> <u>20196</u> <u>20197</u> <u>20198</u> <u>20199</u> <u>20100</u> <u>20101</u> <u>20102</u> <u>20103</u> <u>20104</u> <u>20105</u> <u>20106</u> <u>20107</u> <u>20108</u> <u>20109</u> <u>20110</u> <u>20111</u> <u>20112</u> <u>20113</u> <u>20114</u> <u>20115</u> <u>20116</u> <u>20117</u> <u>20118</u> <u>20119</u> <u>20120</u> <u>20121</u> <u>20122</u> <u>20123</u> <u>20124</u> <u>20125</u> <u>20126</u> <u>20127</u> <u>20128</u> <u>20129</u> <u>20130</u> <u>20131</u> <u>20132</u> <u>20133</u> <u>20134</u> <u>20135</u> <u>20136</u> <u>20137</u> <u>20138</u> <u>20139</u> <u>20140</u> <u>20141</u> <u>20142</u> <u>20143</u> <u>20144</u> <u>20145</u> <u>20146</u> <u>20147</u> <u>20148</u> <u>20149</u> <u>20150</u> <u>20151</u> <u>20152</u> <u>20153</u> <u>20154</u> <u>20155</u> <u>20156</u> <u>20157</u> <u>20158</u> <u>20159</u> <u>20160</u> <u>20161</u> <u>20162</u> <u>20163</u> <u>20164</u> <u>20165</u> <u>20166</u> <u>20167</u> <u>20168</u> <u>20169</u> <u>20170</u> <u>20171</u> <u>20172</u> <u>20173</u> <u>20174</u> <u>20175</u> <u>20176</u> <u>20177</u> <u>20178</u> <u>20179</u> <u>20180</u> <u>20181</u> <u>20182</u> <u>20183</u> <u>20184</u> <u>20185</u> <u>20186</u> <u>20187</u> <u>20188</u> <u>20189</u> <u>20190</u> <u>20191</u> <u>20192</u> <u>20193</u> <u>20194</u> <u>20195</u> <u>20196</u> <u>20197</u> <u>20198</u> <u>20199</u> <u>20100</u> <u>20101</u> <u>20102</u> <u>20103</u> <u>20104</u> <u>20105</u> <u>20106</u> <u>20107</u> <u>20108</u> <u>20109</u> <u>20110</u> <u>20111</u> <u>20112</u> <u>20113</u> <u>20114</u> <u>20115</u> <u>20116</u> <u>20117</u> <u>20118</u> <u>20119</u> <u>20120</u> <u>20121</u> <u>20122</u> <u>20123</u> <u>20124</u> <u>20125</u> <u>20126</u> <u>20127</u> <u>20128</u> <u>20129</u> <u>20130</u> <u>20131</u> <u>20132</u> <u>20133</u> <u>20134</u> <u>20135</u> <u>20136</u> <u>20137</u> <u>20138</u> <u>20139</u> <u>20140</u> <u>20141</u> <u>20142</u> <u>20143</u> <u>20144</u> <u>20145</u> <u>20146</u> <u>20147</u> <u>20148</u> <u>20149</u> <u>20150</u> <u>20151</u> <u>20152</u> <u>20153</u> <u>20154</u> <u>20155</u> <u>20156</u> <u>20157</u> <u>20158</u> <u>20159</u> <u>20160</u> <u>20161</u> <u>20162</u> <u>20163</u> <u>20164</u> <u>20165</u> <u>20166</u> <u>20167</u> <u>20168</u> <u>20169</u> <u>20170</u> <u>20171</u> <u>20172</u> <u>20173</u> <u>20174</u> <u>20175</u> <u>20176</u> <u>20177</u> <u>20178</u> <u>20179</u> <u>20180</u> <u>20181</u> <u>20182</u> <u>20183</u> <u>20184</u> <u>20185</u> <u>20186</u> <u>20187</u> <u>20188</u> <u>20189</u> <u>20190</u> <u>20191</u> <u>20192</u> <u>20193</u> <u>20194</u> <u>20195</u> <u>20196</u> <u>20197</u> <u>20198</u> <u>20199</u> <u>20100</u> <u>20101</u> <u>20102</u> <u>20103</u> <u>20104</u> <u>20105</u> <u>20106</u> <u>20107</u> <u>20108</u> <u>20109</u> <u>20110</u> <u>20111</u> <u>20112</u> <u>20113</u> <u>20114</u> <u>20115</u> <u>20116</u> <u>20117</u> <u>20118</u> <u>20119</u> <u>20120</u> <u>20121</u> <u>20122</u> <u>20123</u> <u>20124</u> <u>20125</u> <u>20126</u> <u>20127</u> <u>20128</u> <u>20129</u> <u>20130</u> <u>20131</u> <u>20132</u> <u>20133</u> <u>20134</u> <u>20135</u> <u>20136</u> <u>20137</u> <u>20138</u> <u>20139</u> <u>20140</u> <u>20141</u> <u>20142</u> <u>20143</u> <u>20144</u> <u>20145</u> <u>20146</u> <u>20147</u> <u>20148</u> <u>20149</u> <u>20150</u> <u>20151</u> <u>20152</u> <u>20153</u> <u>20154</u> <u>20155</u> <u>20156</u> <u>20157</u> <u>20158</u> <u>20159</u> <u>20160</u> <u>20161</u> <u>20162</u> <u>20163</u> <u>20164</u> <u>20165</u> <u>20166</u> <u>20167</u> <u>20168</u> <u>20169</u> <u>20170</u> <u>20171</u> <u>20172</u> <u>20173</u> <u>20174</u> <u>20175</u> <u>20176</u> <u>20177</u> <u>20178</u> <u>20179</u> <u>20180</u> <u>20181</u> <u>20182</u> <u>20183</u> <u>20184</u> <u>20185</u> <u>20186</u> <u>20187</u> <u>20188</u> <u>20189</u> <u>20190</u> <u>20191</u> <u>20192</u> <u>20193</u> <u>20194</u> <u>20195</u> <u>20196</u> <u>20197</u> <u>20198</u> <u>20199</u> <u>20100</u> <u>20101</u> <u>20102</u> <u>20103</u> <u>20104</u> <u>20105</u> <u>20106</u> <u>20107</u> <u>20108</u> <u>20109</u> <u>20110</u> <u>20111</u> <u>20112</u> <u>20113</u> <u>20114</u> <u>20115</u> <u>20116</u> <u>20117</u> <u>20118</u> <u>20119</u> <u>20120</u> <u>20121</u> <u>20122</u> <u>20123</u> <u>20124</u> <u>20125</u> <u>20126</u> <u>20127</u> <u>20128</u> <u>20129</u> <u>20130</u> <u>20131</u> <u>20132</u> <u>20133</u> <u>20134</u> <u>20135</u> <u>20136</u> <u>20137</u> <u>20138</u> <u>20139</u> <u>20140</u> <u>20141</u> <u>20142</u> <u>20143</u> <u>20144</u> <u>20145</u> <u>20146</u> <u>20147</u> <u>20148</u> <u>20149</u> <u>20150</u> <u>20151</u> <u>20152</u> <u>20153</u> <u>20154</u> <u>20155</u> <u>20156</u> <u>20157</u> <u>20158</u> <u>20159</u> <u>20160</u> <u>20161</u> <u>20162</u> <u>20163</u> <u>20164</u> <u>20165</u> <u>20166</u> <u>20167</u> <u>20168</u> <u>20169</u> <u>20170</u> <u>20171</u> <u>20172</u> <u>20173</u> <u>20174</u> <u>20175</u> <u>20176</u> <u>20177</u> <u>20178</u> <u>20179</u> <u>20180</u> <u>20181</u> <u>20182</u> <u>20183</u> <u>20184</u> <u>20185</u> <u>20186</u> <u>20187</u> <u>20188</u> <u>20189</u> <u>20190</u> <u>20191</u> <u>20192</u> <u>20193</u> <u>20194</u> <u>20195</u> <u>20196</u> <u>20197</u> <u>20198</u> <u>20199</u> <u>20100</u> <u>20101</u> <u>20102</u> <u>20103</u> <u>20104</u> <u>20105</u> <u>20106</u> <u>20107</u> <u>20108</u> <u>20109</u> <u>20110</u> <u>20111</u> <u>20112</u> <u>20113</u> <u>20114</u> <u>20115</u> <u>20116</u> <u>20117</u> <u>20118</u> <u>20119</u> <u>20120</u> <u>20121</u> <u>20122</u> <u>20123</u> <u>20124</u> <u>20125</u> <u>20126</u> <u>20127</u> <u>20128</u> <u>20129</u> <u>20130</u> <u>20131</u> <u>20132</u> <u>20133</u> <u>20134</u> <u>20135</u> <u>20136</u> <u>20137</u> <u>20138</u> <u>20139</u> <u>20140</u> <u>20141</u> <u>20142</u> <u>20143</u> <u>20144</u> <u>20145</u> <u>20146</u> <u>20147</u> <u>20148</u> <u>20149</u> <u>20150</u> <u>20151</u> <u>20152</u> <u>20153</u> <u>20154</u> <u>20155</u> <u>20156</u> <u>20157</u> <u>20158</u> <u>20159</u> <u>20160</u> <u>20161</u> <u>20162</u> <u>20163</u> <u>20164</u> <u>20165</u> <u>20166</u> <u>20167</u> <u>20168</u> <u>20169</u> <u>20170</u> <u>20171</u> <u>20172</u> <u>20173</u> <u>20174</u> <u>20175</u> <u>20176</u> <u>20177</u> <u>20178</u> <u>20179</u> <u>20180</u> <u>20181</u> <u>20182</u> <u>20183</u> <u>20184</u> <u>20185</u> <u>20186</u> <u>20187</u> <u>20188</u> <u>20189</u> <u>20190</u> <u>20191</u> <u>20192</u> <u>20193</u> <u>20194</u> <u>201</u>	



www.pacelabs.com

## CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant data must be completed accurately.

RECEIVED

OCT 03 2011

## Section A

## Required Client Information:

Company:	Terracol
Address:	314 Becker Dr.
Email To:	Master coll@terracol.com
Phone:	520-353-1622
Requested Due Date/TAT:	5 day

## Section B

## Required Project Information:

Report To:	Allen in 6A
Copy To:	

## Section C

## Invoice Information:

Attention:	Company Name:
Address:	
Phone:	
Purchase Order No.:	
Project Name:	Sale For J
Project Number:	72117067

Section D		Matrix Codes		COLLECTED		Preservatives		# OF CONTAINERS		SAMPLE TEMP AT COLLECTION		Analysis Test		Requested Analysis Filtered (Y/N)		Residual Chlorine (Y/N)		Site Location		Pace Project No./Lab I.D.											
Required Client Information		MATRIX / CODE		COMPOSITE START		COMPOSITE END/GRAB																									
		Drinking Water		DW		WT		WV		P		SL		CL		H2SO4		HNO3		HCl		NaOH		Na2S2O3		Methanol		Other			
		Water		WT		Product		Soil/Solid		Oil		Wipe		Air		TS		OT													
SAMPLE ID		(A-Z, 0-9, -)																													
#	ITEM	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME						
1	Scs-2	11/05		11/05		11/05		11/05		11/05		11/05		11/05		11/05		11/05		11/05		11/05		11/05							
2	Scs-3																														
3	Scs-4																														
4	Basin																														
5																															
6																															
7																															
8																															
9																															
10																															
11																															
12																															
ADDITIONAL COMMENTS		RELINQUISHED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME		ACCEPTED BY / AFFILIATION		DATE		TIME							
ORIGINAL																															
SAMPLER NAME AND SIGNATURE																															
PRINT Name of SAMPLER:																															
SIGNATURE of SAMPLER:																															
DATE Signed (MM/DD/YY):																															
Temp in °C																															
Received on (Y/N)																															
Sealed/Cooler (Y/N)																															
Custom Cool (Y/N)																															
Samples intact (Y/N)																															

Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020Rev.07, 15-May-2007